

**A sparsely encrusted hardground with abundant Trypanites borings from the Llandoverly of the Velise River, western Estonia (Baltica)**

Vinn, Olev; Toom, Ursula Estonian journal of earth sciences 2016 / p. 19-26 : ill [https://artiklid.elnet.ee/record=b2760752\\*est](https://artiklid.elnet.ee/record=b2760752*est)

**Abrasion and erosion resistance of cermets : a review**

Kübarsepp, Jakob; Juhani, Kristjan; Tarraste, Marek Materials 2022 / art. 69 <https://doi.org/10.3390/ma15010069> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Abrasive erosion of chromium carbide based cermets**

Pirso, Jüri; Viljus, Mart; Kübarsepp, Jakob 9th Nordic Symposium on Tribology NORDTRIB 2000 : Porvoo, Finland, 11-14 June 2000. Vol. 3 2000 / p. 959-967 : ill

**Abrasive erosion of ductile and brittle materials**

Järvpõld, Neeme Proceedings of the First National DAAAM Conference in Estonia : Science '95 1996 / p. 50-56: ill

**Abrasive erosion of non-tungsten cemented carbides**

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

**Abrasive erosion of powder materials**

Kallas, Paul 1996 [http://www.ester.ee/record=b1070451\\*est](http://www.ester.ee/record=b1070451*est)

**Adapting the energetic erosion theory to hardened steels**

Kleis, Ilmar; Remi, Toomas Proceedings of the Estonian Academy of Sciences. Engineering 2004 / 1, p. 45-52 : ill

**Ancient buried valleys in the city of Tallinn and adjacent area**

Vaher, Rein; Miidel, Avo; Raukas, Anto; Tavast, Elvi Estonian journal of earth sciences 2010 / p. 37-48 : ill [https://www.ester.ee/record=b2246661\\*est](https://www.ester.ee/record=b2246661*est)

**Applicability of the energetic erosion theory to hardened steels**

Kleis, Ilmar; Remi, Toomas OST-03 Symposium on Machine Design 2003 / p. 245-252 : ill

**Application of shore sediments accumulated in navigation channel for restoration of sandy beaches around Pärnu City, SW Estonia, Baltic Sea**

Tõnisson, Hannes; Männikus, Rain; Kont, Are; Palginõmm, Valdeko; Alari, Victor; Suuroja, Sten; Vaasma, Tiit; Vilumaa, Kadri Journal of marine science and engineering 2024 / art. 394 <https://doi.org/10.3390/jmse12030394>

**Assessment of cermets performance in erosive media**

Hussainova, Irina; Antonov, Maksim International journal of materials & product technology 2007 / 3/4, p. 361-376 : ill <https://www.inderscience.com/info/inarticle.php?artid=13085>

**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

**Assessment of zirconia doped hardmetals as tribomaterials**

Hussainova, Irina; Antonov, Maksim; Voltšihhin, Nikolai Wear 2011 / p. 1909-1915 : ill

**Behaviour of hard alloys in sliding and erosion wear conditions**

Kübarsepp, Jakob; Vainola, Vello; Klaasen, Heinrich; Loel, Rein Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 203-206 : ill

**Bioerosion of inorganic hard substrates in the Ordovician of Estonia (Baltica)**

Vinn, Olev; Wilson, Mark; Toom, Ursula PLoS ONE 2015 / art. e0134279, p. 1-17 : ill <https://doi.org/10.1371/journal.pone.0134279>

**Bioerosion of inorganic hard substrates in the Silurian of Estonia (Baltica)**

Vinn, Olev; Toom, Ursula GFF 2016 / p. 306-310 : ill <https://doi.org/10.1080/11035897.2015.1076513>

**Borings in phosphatized Cambrian siltstone pebbles, Estonia (Baltica)**

Vinn, Olev; Toom, Ursula Geological magazine 2016 / p. 635-642 : ill <https://doi.org/10.1017/S001675681500076X>

**Centrifugal accelerators for erosion research and standard wear testing**

Kleis, Ilmar; Uuemõis, Haljand; Üksti, Lembit; Pappel, Toivo Wear of materials 1979 : presented at the International Conference on Wear of Materials, Dearborn, Michigan, April 16-18, 1979 1979 / p. 212-218

**Characterization of powdermetal matrix composites for erosion wear applications**

**Veinthal, Renno; Kulu, Priit; Pirso, Jüri; Käerdi, Helmo** Extended abstracts of 2006 Powder Metallurgy World Congress : Busan, Korea, September 24-28. 2 2006 / p. 1056

#### **Climate change and coastal processes in the Baltic Sea**

**Soomere, Tarmo** Oxford Research Encyclopedia of Climate Science Oxford 2024  
<https://doi.org/10.1093/acrefore/9780190228620.013.897>

#### **Correlation between solid particle erosion of cermets and particle impact dynamics**

**Hussainova, Irina**; Schade, Klaus-Peter Tribology international 2008 / 4, p. 323-330 : ill  
<https://www.sciencedirect.com/science/article/abs/pii/S0301679X07001399>

#### **Cross-shore profile evolution after an extreme erosion event—Palanga, Lithuania**

Kelpšaitė-Rimkienė, Loreta; **Parnell, Kevin Ellis**; Žaromskis, Rimas; Kondrat, Vitalijus Journal of marine science and engineering 2021 / art. 38, p. 1–15 : ill <https://doi.org/10.3390/jmse9010038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Decadal-scale impacts of a segmented, shore-parallel breakwater system**

Dolphin, Tony; Vincent, C.E.; Bacon, J.C.; Dumont, E.; **Terentjeva, Anna** Coastal engineering 2012 / p. 24-34 : ill  
[https://www.researchgate.net/publication/236268238\\_Decadal-scale\\_impacts\\_of\\_a\\_segmented\\_shore-parallel\\_breakwater\\_system](https://www.researchgate.net/publication/236268238_Decadal-scale_impacts_of_a_segmented_shore-parallel_breakwater_system)

#### **Did stalked echinoderms bioerode calcareous substrates? A possible boring crinoid attachment structure in a stromatoporoid from the early Silurian (Telychian) of Estonia**

Vinn, Olev; Ausich, William I.; Wilson, Mark A.; **Toom, Ursula** Paläontologische Zeitschrift 2023 / p. 37-41  
<https://doi.org/10.1007/s12542-022-00637-3>

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

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

#### **Effect of carbon stabilizing elements on WC cemented carbides with chromium steel binder**

**Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Mere, Arvo; Viljus, Mart** Materials science = Medžiagotyra 2019 / p. 202-206 : ill <https://doi.org/10.5755/j01.ms.25.2.19619> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Effect of erodent particle impact energy on wear of cemented carbides**

**Antonov, Maksim**; Yung, Der-Liang; **Goljandin, Dmitri; Mikli, Valdek; Hussainova, Irina** Wear 2017 / p. 507-515 : ill  
<https://doi.org/10.1016/j.wear.2016.11.032>

#### **Effect of microstructure on the erosive wear of titanium carbide-based cermets**

**Hussainova, Irina** Wear 2003 / p. 121-128

#### **Effect of microstructure on the erosive wear of titanium carbide-based cermets**

**Hussainova, Irina** 14th International Conference on Wear of Materials : 30 March-3 April 2003, Washington, DC, USA. Part 1 2003 / p. 121-128 : ill

#### **Effect of oxidation on erosive wear behaviour of boiler steels**

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

#### **Effect of thermo-elastic residual stresses on erosive performance of cermets with core-rim structured ceramic grains**

**Hussainova, Irina; Kolesnikova, Anna; Hussainov, Medhat**; Romanov, Alexey Wear 2009 / 1/4, p. 177-185 : ill

#### **Erosion and abrasion of chromium carbide based cermets produced by different methods**

**Hussainova, Irina; Pirso, Jüri; Antonov, Maksim; Juhani, Kristjan; Letunovitš, Sergei** Wear 2007 / 2, p. 905-911 : ill

#### **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 by solid particles : results and trends in Estonia**

**Kleis, Ilmar; Tadolder, Jüri; Üksti, Lembit** First Baltic-Scandinavian Symposium on Mechanics : abstracts 1990 / p. 32

#### **Erosion by vessel waves**

**Soomere, Tarmo** The Gulf of Finland assessment 2016 / p. 324-325 : ill <http://hdl.handle.net/10138/166296>

#### **Erosion of cermets based on titanium and chromium carbides**

**Pirso, Jüri; Kübarsepp, Jakob** International Conference Balttrib'99 : 21-22 September 1999, Kaunas, Lithuania : proceedings 1999 / p. 206-211: ill

#### **Erosion of Cr<sub>3</sub>C<sub>2</sub>-based cermets at room and elevated temperatures**

**Antonov, Maksim; Hussainova, Irina** Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 137-140 : ill

#### **Erosion studies of the iron boride coatings for protection of tubing components in oil production, mineral processing and engineering applications**

Medvedovski, Eugene; **Antonov, Maksim** 44th International Conference & Exposition on Advanced Ceramics and Composites, January 26–31, 2020, Daytona Beach, Florida : Abstract book 2020 / (ICACC-S2-005-2020) ; p. 19 [https://ceramics.org/wp-content/uploads/2018/09/ICACC20\\_Abstracts\\_WebFinal.pdf](https://ceramics.org/wp-content/uploads/2018/09/ICACC20_Abstracts_WebFinal.pdf)

#### **Erosion studies of the iron boride coatings for protection of tubing components in oil production, mineral processing and engineering applications**

Medvedovski, Eugene; **Antonov, Maksim** Wear 2020 / art. 203277, 8 p. : ill <https://doi.org/10.1016/j.wear.2020.203277> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Erosion testing of refractory cermets at high temperature [Electronic resource]**

**Maksim, Antonov; Hussainova, Irina** Proceedings of 12th Nordic Symposium in Tribology : NORDTRIB 2006 : Helsingor, Denmark, 7-9 June 2006 2006 / [10] p. [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

#### **Erosion wear testing of boiler steels at elevated temperatures**

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

#### **Erosion-corrosion of Cr<sub>3</sub>C<sub>2</sub>-Ni cermets in salt water**

**Antonov, Maksim; Stack, Margaret; Hussainova, Irina** Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 3-1, p. 176-187 : ill

#### **Erosion-corrosion wear of WC-Co hardmetals in solid-liquid mixture**

**Viljus, Mart; Pirso, Jüri** Materials Engineering & Balttrib 2001 : materials of the X-th International Baltic Conference : September 27-28, Jurmala, Latvia 2001 / p. 193-197 : ill

#### **Erosion-oxidation of pressure vessel steel P265GH**

Huttunen-Saarivirta, E.; Kuokkala, V.-T.; **Antonov, Maksim; Veinthal, Renno**; Tuiremo, J.; Mäkelä, K. Tribologia : Finnish journal of tribology 2012 / p. 11-19 : ill <https://journal.fi/tribologia/article/view/69337>

#### **Erosiooni- ja pörkealased uuringud TTÜs**

**Kleis, Ilmar** Tallinna Tehnikaülikooli aastaraamat 2003 2004 / lk. 306-328 : ill

#### **Erosioonkulumise teooria, selle areng ja hetkeseis**

**Kleis, Ilmar** Mehaanika meil ja mujal 1992 / lk. 126-136: ill, 2 lk. ill [https://www.ester.ee/record=b1050590\\*est](https://www.ester.ee/record=b1050590*est)

#### **Erosive wear failures**

**Antonov, Maksim** Failure analysis and prevention, vol. 11 2021 / p. 755–763 <https://doi.org/10.31399/asm.hb.v11.a0006795>

#### **Erosive wear of advanced composites based on WC**

**Hussainova, Irina; Antonov, Maksim; Zikin, Arkadi** Tribology international 2012 / p. 254-260 : ill <https://www.sciencedirect.com/science/article/abs/pii/S0301679X11001630>

#### **Erosive wear of boiler steels by sand and ash**

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

#### **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

### **Erosive wear resistance of nature-inspired flexible materials**

**Kumar, Rahul, 1993-; Antonov, Maksim; Holovenko, Yaroslav; Surženkov, Andrei** Tribology letters 2020 / art. 51, 8 p. : ill  
<https://doi.org/10.1007/s11249-020-01296-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Estimation of erosive and adhesive wear resistance of titanium carbide-base cemented carbides**

**Annuka, Harri; Kübarsepp, Jakob** Proceedings of the First National DAAAM Conference in Estonia : Science '95 1996 / p. 80-87: ill

### **Exposure of a coastal city to a landslide tsunami : a case study of Cassis, France**

**Averbukh, Elena; Dussouillez, Philippe; Kharif, Christian; Khvostova, Olga; Kurkin, Andrey; Rochette, Pierre; Soomere, Tarmo** Estonian journal of engineering 2013 / p. 124-142 : ill [https://artiklid.elnet.ee/record=b2621595\\*est](https://artiklid.elnet.ee/record=b2621595*est)

### **Fracture mechanism of powder materials and coatings by abrasive erosion**

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

### **Hard-particle erosion of engineering ceramics**

**Pappel, Priit** OST-96 Symposium on Machine Design, [Stockholm], May 13-14, 1996 : proceedings 1996 / p. 28-35: ill  
[https://www.ester.ee/record=b1033950\\*est](https://www.ester.ee/record=b1033950*est)

### **High temperature erosion of Ti(Mo)C-Ni cermets**

**Hussainova, Irina; Pirso, Jüri; Antonov, Maksim; Juhani, Kristjan** Wear 2009 / 11, p. 1894-1899 : ill

### **High temperature erosion-corrosion of wear protection materials**

**Varga, Markus; Rojacz, Harald; Widder, Lukas; Antonov, Maksim** Journal of Bio- and Tribo-Corrosion 2021 / art. 87  
<https://doi.org/10.1007/s40735-021-00504-9> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **High-temperature corrosive-erosive wear of boiler tubes**

**Ots, Arvo** Proceedings of the 7th European Conference on Industrial Furnaces and Boilers 2006 / p.126-136

### **High-temperature erosion of Cr<sub>3</sub>C<sub>2</sub>-based cermets**

**Hussainova, Irina; Antonov, Maksim** Abstracts of 10th Nordic Symposium on Tribology NORDTRIB 2002 / p. 112

### **High-temperature erosion of Cr<sub>3</sub>C<sub>2</sub>-based cermets [Electronic resource]**

**Hussainova, Irina; Antonov, Maksim** Proceedings of 10th Nordic Symposium on Tribology NORDTRIB 2002 / Ref 21 [CD-ROM]

### **Impact damage and impact transitions in glass**

**Hussainova, Irina; Pappel, Toivo** OST-99 Symposium on Machine Design : Stockholm, 30th Sept. - 1st Oct., 1999 : proceedings 1999 / p. 59-64: ill

### **Investigation of particle-wall collision and erosion prediction**

**Hussainova, Irina** 1999 [http://www.ester.ee/record=b1055069\\*est](http://www.ester.ee/record=b1055069*est)

### **Investigation of particle-wall collision and erosion prediction**

**Hussainova, Irina** 1999 [http://www.ester.ee/record=b1371968\\*est](http://www.ester.ee/record=b1371968*est)

### **Karbiidkomposiitide abrasiiv-erosioon- ja hõõrdekulumine**

**Vainola, Vello; Kübarsepp, Jakob; Klaasen, Heinrich; Loel, Rein** Tallinna Tehnikakõrgkooli Toimetised 2004 / lk. 66-71 : ill

### **Linking wave loads with the intensity of erosion along the coast of Latvia**

**Soomere, Tarmo; Viška, Maija; Lapinskis, Janis; Räämet, Andrus** Estonian journal of engineering 2011 / p. 359-374 : ill

### **Links between bioerosion and oversized benthic fossils : insights from the Upper Ordovician of Estonia, Baltica**

**Toom, Ursula; Isakar, Mare; Vinn, Olev; Hints, Olle** Lille 2021 : Ordovician of the World : programme with abstracts 2021 / p. 76-77  
<https://docplayer.net/219093593-Programme-with-abstracts-2021-virtual-annual-meeting-of-igcp-virtual-annual-meeting-of-igcp-735.html>

### **Lower Paleozoic bioerosion trace fossils from Estonia, Baltica**

**Toom, Ursula; Vinn, Olev; Hints, Olle** International Geoscience Programme Project 653 - Annual Meeting 2017 : Filling the Gap Between the Cambrian Explosion and the GOBE, 8 October to 12 October, 2017, Yichang, China 2017 / p. 169-170

### **Managed retreat - is it really an option for mitigation of chronic erosion and storm surge flooding**

**Healy, Terry; Soomere, Tarmo** Solutions to coastal disasters 2008 : Tsunamis 2008 / p. 456-462  
<https://ascelibrary.org/doi/10.1061/40968%28312%2941>

### **Mathematical modelling and optimization of erosion and corrosion in tribology = Erosiooni ja korrosiooni matemaatiline**

**modelleerimine ja optimeerimine triboloogias**

Casesnoves, Francisco 2018 <https://digi.lib.ttu.ee/i/?11175>

**Mathematical models in biotribology with 2D-3D erosion integral-differential model and computational-optimization/simulation programming - a mathematical model construction based on experimental research**

Casesnoves, Francisco; Surženkov, Andrei International journal of scientific research in computer science, engineering and information technology 2017 / p. 329-356 : ill <http://ijsrcseit.com/CSEIT17224010>

**Mathematical models in mechanical and biomedical tribology with computational simulations/optimization methods**

Casesnoves, Francisco; Surženkov, Andrei International journal of scientific research in computer science, engineering and information technology 2017 / p. 62-89 : ill <http://ijsrcseit.com/CSEIT17211>

**Mechanical properties and features of erosion of cermets**

Hussainova, Irina; Kübarsepp, Jakob; Pirso, Jüri Wear 2001 / p. 818-825

**Mechanical properties and features of erosion of cermets**

Hussainova, Irina; Pirso, Jüri; Kübarsepp, Jakob Abstracts of 13th International Conference on Wear of Materials 2001 / p. 99

**Micromechanical properties and erosive wear performance of chromium carbide based cermets**

Hussainova, Irina; Jasiuk, Iwona; Sardela, M.; Antonov, Maksim Wear 2009 / p. 152-159 : ill

**Microstructure and erosive wear in ceramic-based composites**

Hussainova, Irina Wear 2005 / p. 357-365 : ill

**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

**Modified simulation of the oblique impact of a hard particle against a ductile solid**

Hussainova, Irina OST-99 Symposium on Machine Design : Stockholm, 30th Sept. - 1st Oct., 1999 : proceedings 1999 / p. 49-58: ill

**A non-linear deformation model for particle impact process**

Pappel, Toivo; Põdra, Priit; Järvpõld, Neeme Materials science = Medžiagotyra 2009 / p. 32-34

<https://matsc.ktu.lt/index.php/MatSc/article/view/26116>

**Numerical assessment of guided wave tomography in a pipe bend based on full waveform inversion**

Rasgado Moreno, Carlos Omar; Ratassepp, Madis e-Journal of Nondestructive Testing (eJNDT) 2023 <https://www.ndt.net/?id=28371>

**On micromechanical problems of erosive wear of particle reinforced composites**

Hussainova, Irina Proceedings of the Estonian Academy of Sciences. Engineering 2005 / 1, p. 46-58 : ill

**Ordovician bioerosion revolution on Baltica**

Toom, Ursula; Vinn, Olev; Hints, Olle Zooming in on the GOBE : 2020 virtual annual meeting of IGCP 653 : International Geoscience Programme Project 653 : The onset of the Great Ordovician Biodiversification Event, September 7-10, 2020 : Abstracts 2020 / p. 50

**Performance of hard alloys in abrasive-erosive and sliding wear conditions**

Kübarsepp, Jakob; Klaasen, Heinrich; Vainola, Vello Proceedings of the Estonian Academy of Sciences. Engineering 2004 / 4, p. 308-314 : ill

**Powder coatings for abrasive wear**

Pihl, Toomas 2002 [https://www.ester.ee/record=b1733979\\*est](https://www.ester.ee/record=b1733979*est)

**Prediction of erosive wear of powder materials with hardmetal-type structure**

Veinthal, Renno; Käerdi, Helmo; Kulu, Priit The 16th International Federation for Heat Treatment and Surface Engineering (IFHTSE) Congress, Brisbane, Australia, 30.10-02.11.2007 2008 / ? p

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

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

**Raudne rannakaitse hävitab randa**

Parnell, Kevin Ellis; Soomere, Tarmo; Männikus, Rain; Tõnisson, Hannes Postimees 2020 / lk. 20 : ill

[https://www.ester.ee/record=b1072778\\*est](https://www.ester.ee/record=b1072778*est)

**Research of abrasive erosion wear for Fe-C-Cr-B hard layers**



Janauskas, V.; Kreivaitis, R.; **Kulu, Priit; Antonov, Maksim**; Milcius, D.; Varnauskas, V. *Mechanika* 2008 / 4, p. 71-76 : ill  
<https://mechanika.ktu.lt/index.php/Mech/article/view/15098>

**Review of existing devices for erosion-corrosion testing of materials [Online resource]**

**Baroninš, Janis; Antonov, Maksim; Hussainova, Irina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fmdk.ut.ee/teesid/>

**Sediment transport patterns along the eastern coasts of the Baltic Sea = Settetranspordi mustrid Läänemere idarannikul**  
**Viška, Maija** 2014 [https://www.ester.ee/record=b4419095\\*est](https://www.ester.ee/record=b4419095*est)

**Sliding and erosion wear of cemented carbides**

**Kübarsepp, Jakob; Klaasen, Heinrich; Vainola, Vello** *Engineering Materials & Tribology* 2004 : materials of the XIII-th International Baltic Conference : September 23-24, Riga, Latvia 2004 / p. 120-122 : ill

**Slurry erosion wear of TiC-NiMo and WC-Co cermets**

**Juhani, Kristjan; Pirso, Jüri; Viljus, Mart** *Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering* : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 456-461 : ill

**Slurry erosion-corrosion of TiC-NiMo cermets**

**Pirso, Jüri; Kübarsepp, Jakob** *Proceedings of the International Conference on Powder Metallurgy & Particulate Materials PM2TEC'99* : June 20-24, 1999, Vancouver, Canada 1999 / [7] p

**Solid particle erosion : occurrence, prediction and control**

**Kleis, Ilmar; Kulu, Priit** 2008 [http://www.ester.ee/record=b2368841\\*est](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](https://www.ester.ee/record=b2080005*est)

**Solid particle erosion behavior of ceramics at high and room temperature**

**Jevgrafova, Natalja; Pappel, Toivo** *Materials Engineering & Balttrib* 2001 : materials of the X-th International Baltic Conference : September 27-28, Jurmala, Latvia 2001 / p. 111-114 : ill

**Solid particle erosion of refractories : A critical discussion of two test standards**

Varga, Markus; **Antonov, Maksim**; Tumma, Mike *Wear* 2019 / p. 552-561 : ill <https://doi.org/10.1016/j.wear.2018.12.062> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Solid particle erosion of thermal sprayed coatings**

**Kulu, Priit; Hussainova, Irina; Veinthal, Renno** *Wear* 2005 / 1/4, p. 488-496 : ill

**Some aspects of solid particle erosion of cermets**

**Hussainova, Irina** *Tribology international* 2001 / p. 89-93

**Spark erosion in a metal spheres bed : experimental study of the discharge stability and energy efficiency**

Kornev, Iakov; Saprykin, Filipp; Lobanova, Galina; Ushakov, Vasily; **Preis, Sergei** *Journal of electrostatics* 2018 / p. 111-118 : ill  
<https://doi.org/10.1016/j.elstat.2018.10.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A study of erosion of rotary compressor fans and devices**

**Kleis, Ilmar; Uuemõis, Haljand** *Proceedings of the Fifth International Conference on Erosion by Liquid and Solid Impact* : Newnham College, Cambridge, UK, 3 - 6 September 1979 1979

**Surface fatigue processes at impact wear of powder materials**

**Kulu, Priit; Veinthal, Renno; Saarna, Mart; Tarbe, Riho** *WOM : 16th International Conference on Wear of Materials* : Montreal, Quebec, Canada, April 15-19, 2007 : delegate manual 2007 / p. 17D.1  
<https://www.sciencedirect.com/science/article/pii/S0043164807003894>

**Symbiotic worms in the inner aragonitic layer of Leptodesma (Bivalvia) from the Põdoli (Upper Silurian) of Saaremaa Island, Estonia**

Vinn, Olev; Wilson, Mark A.; Isakar, Mare; **Toom, Ursula** *PalZ* 2021 / p. 231-236 <https://doi.org/10.1007/s12542-021-00554-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The abrasive erosion wear resistance of powder coating**

**Kulu, Priit** *Tribologia : Finnish journal of tribology* 1989 / p. 12-25 [https://www.ester.ee/record=b1585989\\*est](https://www.ester.ee/record=b1585989*est)

**The application of coast geomorphic process concepts to eastern Baltic Sea conditions in a changing climate**

**Parnell, Kevin Ellis; Soomere, Tarmo** 3rd Baltic Earth Conference : Earth system changes and Baltic Sea coasts, To be held in

Jastarnia, Hel Peninsula, Poland, 1 to 5 June 2020, Held online, 2-3 June 2020 : Conference proceedings 2020 / p. 143-144  
[https://archive.baltic.earth/hel2020/material/3rd\\_BalticEarth\\_Conference\\_Proceedings.pdf](https://archive.baltic.earth/hel2020/material/3rd_BalticEarth_Conference_Proceedings.pdf)

**The effect of fine erodent retained on the surface during erosion of metals, ceramics, plastic, rubber and hardmetal**  
**Antonov, Maksim; Pirso, Jüri; Goljandin, Dmitri; Vallikivi, Ahto; Hussainova, Irina** Wear 2016 / p. 53-68 : ill  
<http://dx.doi.org/10.1016/j.wear.2016.02.018>

**The effect of impact angle on erosion of cermets**  
**Hussainova, Irina; Kübarsepp, Jakob** Fundamentals of tribology 2001 / p. 537-542

**The effects of impact variables and abrasive particle properties on the erosion of cermets**  
**Hussainova, Irina; Pirso, Jüri; Kübarsepp, Jakob** Abstracts of papers from 2nd World Tribology Congress 2001 / p. 73

**The effects of impact variables and abrasive particle properties on the erosion of cermets [Electronic resource]**  
**Hussainova, Irina; Pirso, Jüri; Kübarsepp, Jakob** WTC 2001 : 2nd World Tribology Congress : Vienna, Austria, 03-07 September 2001 2001 / [4] p. : ill. [CD-ROM]

**The hard-particle erosion of engineering ceramics**  
**Pappel, Priit** OST-96 Symposium on Machine Design, [Stockholm], May 13-14, 1996 : program, abstracts 1996 / [1] p

**The principles of the choice of powder coatings for abrasive erosion wear conditions**  
**Kulu, Priit** Tallinna Tehnikaülikooli Toimetised 1991 / lk. 106-114: ill

**The resistance of ceramic materials to abrasive erosion**  
**Pappel, Toivo; Üksti, Lembit** 9th Nordic Symposium on Tribology NORDTRIB 2000 : Porvoo, Finland, 11-14 June 2000. Vol. 3 2000 / p. 945-950 : ill

**The resistance of ceramic materials to hard-particle erosion**  
**Pappel, Toivo; Jevgrafova, Natalja** OST-99 Symposium on Machine Design : Stockholm, 30th Sept. - 1st Oct., 1999 : proceedings 1999 / p. 65-70: ill

**The solid particle erosion of ceramic materials**  
**Pappel, Toivo; Pappel, Priit** OST-98 Symposium on Machine Design, Oulanka, Finland, October 1-3, 1998 : proceedings 1998 / p. 67-72: ill

**Theoretische Ansätze zur Erosionsprognose von Elastomeren**  
**Kleis, Ilmar; Pallase, Ado** WIK : 7. bis 9. Juni 1989 , Zittau: Konferenzmaterial der IX. Wissenschaftlichen Konferenz für Energiewirtschaft ; Konferenzbeiträge der Session V 1989 / p. 19-20

**Transformation of natural and synthetic dyes in pulsed electric discharge in the granular steel bed**  
**Shiyan, Ludmila; Lobanova, Galina; Yurmazova, Tatyana; Machekhina, Ksenia; Preis, Sergei** Journal of electrostatics 2018 / p. 90-98 : ill <https://doi.org/10.1016/j.elstat.2018.10.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Treatment of bending deformations in maritime crash analyses**  
**Körgesaar, Mihkel; Storheim, Martin** ASME 2020 : 39th International Conference on Ocean, Offshore and Arctic Engineering, August 3-7, 2020 : Virtual, Online : proceedings papers 2020 / Paper No: OMAE2020-19272, V02AT02A017 ; 9 pages  
<https://doi.org/10.1115/OMAE2020-19272> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Wear behavior of Co-free hardmetals doped by zirconia and produced by conventional PM and SPS routines**  
**Hussainova, Irina; Antonov, Maksim; Voltšihhin, Nikolai; Kübarsepp, Jakob** Wear 2014 / p. 83-90 : ill

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

**Viis aastakümnet erosioonikulumise uuringuid tehnikaülikoolis : sõnavõtt Ilmar Kleisi ja Priit Kulu monograafia "Solid particle erosion" esitlusel ja emeritprofessor Ilmar Kleisi 75. sünnipäeva tähistamisel 15. septembril 2005 mehaanikateaduskonnas**  
**Kulu, Priit** Tallinna Tehnikaülikooli aastaraamat 2005 2006 / lk. 396-399

**Ülevaade erosioonialastest uuringutest Eestis aastail 1956-1996**

**Kleis, Ilmar** Eesti teadlaste kongress, 11.-15. augustini 1996. a. Tallinnas : ettekannete kokkuvõtted 1996 / lk. 252  
[https://www.ester.ee/record=b1052731\\*est](https://www.ester.ee/record=b1052731*est)

#### **Абразивная эрозия двухфазных сплавов**

**Pirso, Jüri; Rauk, Marina** Тезисы докладов пятой республиканской конференции "Эрозионностойкие порошковые материалы и покрытия" 1988 / с. 29-31 [https://www.ester.ee/record=b1256812\\*est](https://www.ester.ee/record=b1256812*est)

#### **Влияние твердости абразива на механизм абразивной эрозии спеченных твердых сплавов**

**Pirso, Jüri; Kallas, Paul** Трение и износ в машинах. 11 1981 / с. 91-102

#### **Влияние эрозии поверхности пористых металлов на их гидравлическое сопротивление**

Belov, S.; **Kulu, Priit; Kallas, Paul; Pavlihin, G.** Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1980 / с. 19-22 : ил., табл [https://www.ester.ee/record=b1645489\\*est](https://www.ester.ee/record=b1645489*est)

#### **Влияние эрозии поверхности пористых металлов на их структурные и гидравлические характеристики**

Belov, S.; Ksenofontov, A.; **Kulu, Priit; Kallas, Paul** Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1983 / с. 41-47 : ил., табл [https://www.ester.ee/record=b1645489\\*est](https://www.ester.ee/record=b1645489*est)

#### **Исследование абразивной эрозии металлокерамических твёрдых сплавов типа ВК**

**Kleis, Ilmar; Uuemõis, Haljand; Tumanov, V.; Tiidemann, Tiit** Сборник трудов 1973 / с. 123-128 : илл

#### **Исследование абразивной эрозии при повышенных скоростях удара : автореферат ... кандидата технических наук (05.02.04)**

**Tiidemann, Tiit** 1974 [https://www.ester.ee/record=b1339859\\*est](https://www.ester.ee/record=b1339859*est)

#### **Исследование абразивной эрозии спеченных вольфрамовых твердых сплавов**

**Kleis, Ilmar; Tumanov, V.; Uuemõis, Haljand; Tiidemann, Tiit** Порошковая металлургия = Powder metallurgy : ежемесячный научно-технический журнал 1974 / с. 98-101 : илл [https://www.ester.ee/record=b1645489\\*est](https://www.ester.ee/record=b1645489*est)

#### **Исследование износостойкости твердых сплавов на основе TiC-C в условиях эрозионного изнашивания**

Bujanovski, I.; Lindo, G.; Tšistjakova, V.; Agošašvili, B.; **Pirso, Jüri; Kallas, Paul** Износ в машинах и методы защиты от него : тезисы докладов Всесоюзной научной конференции, посвященной 1000-летию г. Брянска (Брянск, 1985 г.) 1985 / с. 180

#### **Исследование многократно механико-термически обработанной стали Ст. 3 на абразивную эрозию**

**Tadolder, Jüri; Ingerma, August** Износ, усталость и коррозия металлов : сборник статей. 5 1972 / с. 45-48  
[https://www.ester.ee/record=b2190525\\*est](https://www.ester.ee/record=b2190525*est) <https://digikogu.taltech.ee/et/Item/bf437fe1-81f3-4dff-97b2-b8d240135d43>

#### **Исследование некоторых закономерностей абразивной эрозии : автореферат ... кандидата технических наук (162)**

**Uuemõis, Haljand** 1968 [https://www.ester.ee/record=b1564193\\*est](https://www.ester.ee/record=b1564193*est)

#### **Наиболее важные результаты исследований абразивной эрозии, проведенных в Штуттгартском университете**

Uetz, H. Износ, усталость и коррозия металлов : сборник статей. 6 1973 / с. 3-22 : илл [https://www.ester.ee/record=b2190621\\*est](https://www.ester.ee/record=b2190621*est)  
<https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

#### **Некоторые закономерности абразивной эрозии твердых сплавов : автореферат ... кандидата технических наук (325)**

Kabral, Hillar-Endel 1970 [https://www.ester.ee/record=b1388325\\*est](https://www.ester.ee/record=b1388325*est)

#### **Некоторые результаты исследования эрозии металлов в струе влажного абразива**

**Üksti, Lembit; Kleis, Ilmar** Износ, усталость и коррозия металлов : сборник статей. 6 1973 / с. 39-47 : илл  
[https://www.ester.ee/record=b2190621\\*est](https://www.ester.ee/record=b2190621*est) <https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

#### **Новые механические установки для исследования абразивной эрозии**

**Kleis, Ilmar; Uuemõis, Haljand** Вестник машиностроения : ежемесячный научно-технический и производственный журнал 1971 / с. 13-15 : илл [https://www.ester.ee/record=b1446100\\*est](https://www.ester.ee/record=b1446100*est)

#### **О закономерностях абразивной эрозии при повешенных скоростях струи**

**Tiidemann, Tiit; Uuemõis, Haljand; Kleis, Ilmar** Износ, усталость и коррозия металлов : сборник статей. 6 1973 / с. 29-38 : илл  
[https://www.ester.ee/record=b2190621\\*est](https://www.ester.ee/record=b2190621*est) <https://digikogu.taltech.ee/et/Item/b72113fb-37ed-41e2-b029-bf4661300cc1>

#### **О роли адсорбционного понижения прочности в процессе эрозии в корродирующей среде**

**Üksti, Lembit** Износ, усталость и коррозия металлов : сборник статей. 7 1975 / с. 87-92 : илл  
[https://www.ester.ee/record=b2190702\\*est](https://www.ester.ee/record=b2190702*est) <https://digikogu.taltech.ee/et/Item/7b7b4d74-55e0-43cf-b22c-bd484ceb163f>



#### **О характере разрушения твердых сплавов при абразивной эрозии**

**Kabral, Hillar-Endel; Mosberg, Rudolf** Износ, усталость и коррозия металлов : сборник статей. 4 1970 / с. 17-22 : илл  
[https://www.ester.ee/record=b2189975\\*est](https://www.ester.ee/record=b2189975*est) <https://digikogu.taltech.ee/et/Item/08de6dd6-c065-4fa4-8684-9b41e91f1bd2/>

#### **Основы инженерной методики расчета деталей на абразивную эрозию**

**Kleis, Ilmar** Республиканская научная конференция : абразивная эрозия : тезисы докладов 1970 / с. 7-8  
[https://www.ester.ee/record=b1372146\\*est](https://www.ester.ee/record=b1372146*est)

#### **Прогнозирование износостойкости порошковых материалов и покрытий в условиях абразивной эрозии**

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

#### **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](https://www.ester.ee/record=b1312784*est)

#### **Прогнозирование эрозионного износа эластомеров**

**Pallase, Ado** Tallinna Tehnikaülikooli Toimetised 1991 / lk. 8-16: ill

#### **Пути повышения эрозионной стойкости порошковой стали**

**Kulu, Priit** Металловедение и термическая обработка металлов : [Ежемесячный научно-технический и производственный журнал] 1987 / с. 23-25 : илл

#### **Центробежный ускоритель ЦУК-3М для определения относительной износостойкости материалов при абразивной эрозии**

**Kleis, Ilmar** Износ, усталость и коррозия металлов : сборник статей. 4 1970 / с. 23-33 : илл  
[https://www.ester.ee/record=b2189975\\*est](https://www.ester.ee/record=b2189975*est) <https://digikogu.taltech.ee/et/Item/08de6dd6-c065-4fa4-8684-9b41e91f1bd2/>