

Analyza tvaru castic praškov obrazovou analyzou

Kohutek, Ivan; Besterce, Michal; **Kulu, Priit** Sbornik konferencii s medzinardnou ucastou "Konštrukcne' Materialy97" 1997 / p. 62-65

Angularity evaluation of milled WC-Co powder

Kulu, Priit; Mikli, Valdek; Käerdi, Helmo; Besterce, Michal International journal of materials & product technology 2005 / p. 289-298 : ill

Angularity of the disintegrated ground hardmetal powder particles

Mikli, Valdek; Kulu, Priit; Käerdi, Helmo; Besterce, Michal Medžiagotyra = Materials science 2002 / 4, p. 430-433 : ill

Angularity of the disintegrated ground hardmetal powder particles

Mikli, Valdek; Kulu, Priit; Käerdi, Helmo; Besterce, Michal Abstracts of International Conference Materials Engineering and Tribology 2002 / ? p

Characterisation of metallic powders produced by disintegrator technology

Mikli, Valdek; Kulu, Priit; Tümanok, Aleksei; Käerdi, Helmo; Kohutek, Ivan; Besterce, Michal International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / p. 115-118: ill

Characterization of disintegrator milled hardmetal powder

Kulu, Priit; Mikli, Valdek; Käerdi, Helmo; Besterce, Michal Powder metallurgy progress 2003 / p. 39-48 : ill

Characterization of morphology of hardmetal powder particles

Käerdi, Helmo; Mikli, Valdek; Kulu, Priit; Velgosova, Oksana; Kohutek, Ivan; Besterce, Michal Materials Engineering & Balttrib 2001 : materials of the X-th International Baltic Conference : September 27-28, Jurmala, Latvia 2001 / p. 3-7 : ill

Characterization of powder particle angularity

Mikli, Valdek; Käerdi, Helmo; Kulu, Priit; Besterce, Michal Acta metallurgica Slovaca 2001 / 1, p. 75-78

Characterization of powder particle morphology

Mikli, Valdek; Käerdi, Helmo; Kulu, Priit; Besterce, Michal Proceedings of the Estonian Academy of Sciences. Engineering 2001 / 1, p. 22-34 : ill

Effect of strain rate and temperature on mechanical properties and fracture mechanism of the dispersion strengthened Al-12Al4C3 system

Velgosova, Oksana; Besterce, Michal; **Kulu, Priit** High temperature materials and processes 2005 / 3, p. 183-187 : ill
<https://www.degruyter.com/document/doi/10.1515/HTMP.2005.24.3.183/html>

Effect of strain rate, volume fraction of particles and temperature on fracture mechanism in Al-Al4C3 systems

Velgosova, Oksana; Besterce, Michal; Kovac, Ladislav; **Kulu, Priit;** Huang, Song-Jeng Kovove materialy = Metallic materials 2011 / p. 361-367 : ill
https://www.researchgate.net/publication/273435866_Effect_of_strain_rate_volume_fraction_of_particles_and_temperature_on_fracture_mechanism_in_Al-Al4C3_systems

Evaluation of deformation methods of Cu-Al2O3 systems in relation to qualitative factor

Besterce, Michal; Sülleiova, Katarina; **Kulu, Priit** Engineering Materials & Tribology : BALTMATTRIB - 2003 : 12th International Baltic Conference : October 2-3, 2003, Tallinn, Estonia : abstracts 2003 / p. 12-14

Evaluation of deformation methods of Cu-Al2O3 systems with quality factor

Besterce, Michal; Sülleiova, Katarina; **Kulu, Priit** Proceedings of the Estonian Academy of Sciences. Engineering 2003 / 4, p. 246-251 : ill https://artiklid.elnet.ee/record=b1014287*est

Fracture description of AZ61 Mg-Al2O3 materials studied by "in situ tensile test in SEM"

Besterce, Michal; Nagy, Štefan; Huang, Song-Jeng; Velgosova, Oksana; Sülleiova, Katarina; **Kulu, Priit** 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. 165-172 : ill
<https://doi.org/10.4028/www.scientific.net/KEM.674.165> Conference Proceedings at Scopus Article at Scopus

Fracture mechanism of Al-Al4C3 nanomaterials studied by "in-situ tensile test in SEM"

Besterce, Michal; Velgosova, Oksana; Ivan, Jozef; Hvizdoš, Pavol; Kvackaj, Tibor; **Kulu, Priit** Kovove materialy = Metallic materials 2009 / 4, p. 221-225

Fracture mechanism of dispersion-strengthened Cu-Al2O3 nanosystem

Besterce, Michal; **Kulu, Priit** Acta metallurgica Slovaca 2012 / p. 76-81 : ill
https://www.researchgate.net/publication/289140286_Fracture_mechanism_of_dispersion-strengthened_Cu-Al2O3_nanosystem

Fracture micromechanism of Cu-Cr-Zr system by "in-situ tensile test in SEM"

Besterce, Michal; Ivan, Jozef; **Kulu, Priit; Arensbürger, Daniil** Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 193-196 : ill

Fracture micromechanism of Cu-Cr-Zr system by "in-situ tensile test in SEM"

Besterce, Michal; Ivan, Jozef; **Kulu, Priit; Arensbürger, Daniil**; Velgosova, Oksana Acta metallurgica Slovaca 2000 / p. 20-24

In situ tensile testing in SEM of Al-Al₄C₃ nanomaterials

Besterce, Michal; Velgosova, Oksana; Ivan, Jozef; Hvizdoš, Pavol; Kvackaj, Tibor; **Kulu, Priit** Estonian journal of engineering 2009 / 4, p. 247-254 : ill

Influence of strain rate and temperature on mechanical properties and fracture mechanism of the dispersion strengthened Al-12Al₄C₃ system

Velgosova, Oksana; Besterce, Michal; **Kulu, Priit** Materials science = Medžiagotyra 2005 / p. 217-220 : ill

https://www.researchgate.net/publication/242220059_Influence_of_Strain_Rate_and_Temperature_on_Mechanical_Properties_and_Fracture_Mechanism_of_Dispersion_Strengthened_Al12Al4C3_System

Mechanical properties and fracture developed in nanocopper by severe plastic deformations

Besterce, Michal; Kvackaj, Tibor; Kovac, Ladislav; Sülleiova, Katarina; **Kulu, Priit** 15th International Baltic Conference "Engineering Materials & Tribology. Baltattrib - 2006" : October 5-6, 2006, Tallinn, Estonia : abstracts 2006 / p. 22

Mechanical properties and fracture of nanocopper by severe plastic deformations

Besterce, Michal; Kvackaj, Tibor; Kovac, Ladislav; Sülleiova, Katarina; **Kulu, Priit** Proceedings of the Estonian Academy of Sciences. Engineering 2006 / 4, p. 340-348 : ill

Model of fracture micromechanism of Cu-Cr-Zr system by "in-situ tensile test in SEM"

Besterce, Michal; Ivan, Jozef; **Kulu, Priit; Arensbürger, Daniil**; Velgosova, Oksana Journal of mining and metallurgy. B, Metallurgy 2003 / p. 499-507 : ill https://www.researchgate.net/publication/47393844_Model_of_fracture_micro_mechanism_of_Cu-Cr-Zr_system_by_in-situ_tensile_test_in_SEM

Model of fracture micromechanism of Cu-Cr-Zr system by "in-situ" test in SEM

Besterce, Michal; Ivan, Jozef; **Kulu, Priit; Arensbürger, Daniil**; Velgosova, Oksana Proceedings of 9th International Scientific Conference "Achievements in Mechanical & Materials Engineering" : Gliwice, Poland, 11.-14.10.2000 2000 / p. 59-62 <https://doiserbia.nb.rs/img/doi/1450-5339/2003/1450-53390304499B.pdf>

Možnosti hodnotenia morfológie castic práškov obrazovou analyzou

Kohutek, Ivan; Besterce, Michal; **Kulu, Priit** Pokroky práškovej metalurgie 1998 / 1, p. 12-18

Nanomaterials Al-Al₄C₃ studied by "In-situ Tensile Test in SEM"

Besterce, Michal; Velgosova, Oksana; Ivan, Jozef; Hvizdoš, Pavol; Kvackaj, Tibor; **Kulu, Priit** 18th International Baltic Conference : Engineering Materials & Tribology : BALTMATTRIB-2009 : October 22-23, 2009, Tallinn, Estonia : abstracts 2009 / p. 73

Particles morphology description by image analysis

Kohutek, Ivan; **Käerdi, Helmo; Kulu, Priit**; Sülleiova, Katarina; Velgosova, Oksana; **Mikli, Valdek**; Besterce, Michal Acta metallurgica Slovaca 2000 / p. 256-260

Possibilities of evaluation of powder particle granulometry and morphology by image analysis

Kulu, Priit; Tümanok, Aleksi; Mikli, Valdek; Käerdi, Helmo; Kohutek, Ivan; Besterce, Michal Proceedings of the Estonian Academy of Sciences. Engineering 1998 / p. 3-17 : ill

Relation between volume fraction of particles in thin foil and area fraction of their projections

Kohutek, Ivan; Besterce, Michal; **Kulu, Priit** Engineering Materials & Tribology 2004 : materials of the XIII-th International Baltic Conference : September 23-24, Riga, Latvia 2004 / p. 78-82 : ill

Tribological characteristics of copper based composites with Al₂O₃ particles at various temperatures

Hvizdoš, Pavol; Besterce, Michal; **Kulu, Priit**; Kavačkaj, T. High temperature materials and processes 2013 / p. 437-442 <https://doi.org/10.1515/htmp-2012-0161> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Tribological characteristics of micro- and nano-composites Cu-Al₂O₃ at room and elevated temperatures

Hvizdoš, Pavol; Besterce, Michal; **Kulu, Priit** High temperature materials and processes 2011 / p. 573-577

Tribological parameters of copper-alumina composite

Hvizdoš, Pavol; **Kulu, Priit**; Besterce, Michal Engineering materials and tribology 2013 / p. 191-196 https://www.researchgate.net/publication/271863555_Tribological_Parameters_of_Copper-Alumina_Composite

Using small punch testing method for the analysis of creep behaviour of Al-Al₄C₃ composites

Besterçi, Michal; Dobeš, Ferdinand; Kulu, Priit; **Sülleiova, Katarina** Estonian journal of engineering 2010 / 3, p. 243-254 : ill
https://artiklid.elnet.ee/record=b2156237*est

WC-Co powder particles morphological characteristics

Kohutek, Ivan; **Käerdi, Helmo;** Besterçi, Michal; **Kulu, Priit; Mikli, Valdek;** Velgosova, Oksana Deformation and Fracture in Structural PM Materials : DF PM 2002 : proceedings of the international conference, Stara Lesna, Slovak Republic, September 15-18, 2002. Vol. 2 2002 / p. 230-235 : ill