

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>

High temperature corrosion of boiler steels in hydrochloric atmosphere under oil shale ashes

Priss, Jelena; Rojacz, Harald; **Klevtsov, Ivan;** **Dedov, Andrei;** Winkelmann, Horst; Badisch, Ewald Corrosion science 2014 / p. 36-44 : ill <https://doi.org/10.1016/j.corsci.2013.12.016> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High temperature cyclic impact/abrasion testing of boiler steels

Priss, Jelena; **Klevtsov, Ivan;** **Dedov, Andrei;** **Antonov, Maksim;** Rojacz, Harald; Badisch, Ewald Engineering materials & tribology XXII 2014 / p. 289-292 <https://doi.org/10.4028/www.scientific.net/KEM.604.289> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Plasma transferred arc hardfacings reinforced by chromium carbide based cermet particles

Zikin, Arkadi; **Hussainova, Irina;** Winkelmann, Horst; **Kulu, Priit;** Badisch, Ewald International heat treatment and surface engineering 2012 / p. 88-92 https://www.researchgate.net/publication/227944686_Plasma_transferred_arc_hardfacings_reinforced_by_chromium_carbide_based_cermet_particles

Plasma transferred arc hardfacings reinforced by chromium carbide-based cermet particles

Zikin, Arkadi; **Hussainova, Irina;** Winkelmann, Horst; **Kulu, Priit;** Badisch, Ewald Proceedings of the Heat Treatment and Surface Engineering 19th Congress : Glasgow, Scotland, 17-20 October, 2011 2011 / [5] p. : ill

Plasma transferred ARC (PTA) hardfacing of recycled hardmetal reinforced nickel-matrix surface composites

Zikin, Arkadi; Ilo, Sotiraq; **Kulu, Priit;** **Hussainova, Irina;** Katsich, Christian; Badisch, Ewald Materials science = Medžiagotyra 2012 / p. 12-17 : ill <https://matsc.ktu.lt/index.php/MatSc/article/view/1334>

Processing of recycled hard particle powders by PTA-technology

Zikin, Arkadi; Ilo, S.; **Kulu, Priit;** Katsich, Christian; Badisch, Ewald; **Hussainova, Irina** 20th International Baltic Conference Materials Engineering 2011, October 27-28, Kaunas, Lithuania : book of abstracts 2011 / p. 43

Technological impact on wear resistant multiphase hardfacings

Badisch, Ewald; Katsich, Christian; **Zikin, Arkadi** 15th Nordic Symposium on Tribology - NordTrib 2012 : 12-15 June, 2012, Trondheim, Norway : [proceedings] 2012 / 6 p. : ill

Tribological performances of ZrC-Ni and TiC-Ni cermet reinforced PTA hardfacings at elevated temperatures

Yung, Der-Liang; **Zikin, Arkadi;** **Hussainova, Irina;** Danninger, Herbert; Badisch, Ewald; Gavrilovic, A. Surface and coatings technology 2017 / p. 497-505 : ill <https://doi.org/10.1016/j.surfcoat.2016.11.099> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wear protection of highly loaded components: advantages of plasma transferred arc welding as hardfacing technology

Katsich, Christian; **Zikin, Arkadi;** Badisch, Ewald Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 639-644 : ill