

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

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#### **Abrasion of cermets**

Pirso, Jüri; Viljus, Mart; Juhani, Kristjan; Letunovitš, Sergei Advances in engineering research. Volume 3 2011 / p. 397-426

#### **Abrasive impact wear of WC-Co and TiC-NiMo cermets**

Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei; Tarraste, Marek Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 621-626 : ill [https://www.researchgate.net/publication/286139638\\_Abrasive\\_impact\\_wear\\_of\\_WC-Co\\_and\\_TiC-NiMo\\_cermets](https://www.researchgate.net/publication/286139638_Abrasive_impact_wear_of_WC-Co_and_TiC-NiMo_cermets)

#### **Abrasive wear of chromium carbide based cermets**

Juhani, Kristjan; Pirso, Jüri; Viljus, Mart; Letunovitš, Sergei Tribologia : Finnish journal of tribology 2008 / 2/3, p. 23-32 : ill

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#### **Abrasive-erosive wear of thermally sprayed coatings from experimental and commercial Cr<sub>3</sub>C<sub>2</sub>-based powders**

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#### **Additive manufacturing of CMCs with bimodal microstructure**

Maurya, Himanshu Singh; Vikram, R. J.; Kosiba, Konrad; Juhani, Kristjan; Sergejev, Fjodor; Suwas, Satyam; Prashanth, Konda Gokuldoss Journal of alloys and compounds 2023 / art. 168416, 5 p. : ill <https://doi.org/10.1016/j.jallcom.2022.168416> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

#### **Additive manufacturing of TiC-based cermet with stainless steel as a binder material**

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#### **Additive manufacturing of TiC-based cermets : a detailed comparison with spark plasma sintered samples**

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#### **Analysis of microstructure and abrasive wear of Fe-based hardfacings with TiC, in-situ synthesized from TiO<sub>2</sub>**

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#### **Application of Taguchi method for in-situ synthesis of TiC from TiO<sub>2</sub>–graphite powders in PTAW hardfacings and characterization thereof**

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**Effect of high chromium content additions in iron-bonded Ti(C,N) cermets: a hardness-toughness tradeoff**

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**Erosive Wear of Stainless Steel-Based Hardfacings with Ex-Situ and In-Situ Synthesized TiC**

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**Forming ability of the WC-based ceramic metal composites with different Fe-based binders by unique laser beam modulation**

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