

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](#)

AC magnetic loss reduction of SLM processed Fe-Si for additive manufacturing of electrical machines

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Alloying of TiC-FeCr cermet in manganese vapor

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

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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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Effect of pulsed deuterium plasma irradiation on dual-phase tungsten high-entropy alloys

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Effect of pulsed deuterium plasma irradiation on dual-phase tungsten medium-entropy alloys

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Effect of the laser processing parameters on the selective laser melting of TiC-Fe-based cermets

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Erosion wear of reactive sintered WC-TiC-Co cermets

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Erosive and impact-abrasive wear of hardmetals with Fe-based binders

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

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Ti(C,N)-based cermet

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Ferritic chromium steel as binder metal for WC cemented carbides

Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Mere, Arvo; Kolnes, Märt; Viljus, Mart; Maaten, Birgit International journal of refractory metals and hard materials 2018 / p. 183-191 : ill <https://doi.org/10.1016/j.ijrmhm.2018.02.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Impact of Nb content on the morphology and properties of Ti (C0.5N0.5)-FeCrMo-based green cermets

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Mechanical properties and microstructure of reactive sintered WC-TiC-Co cemented carbides

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Microstructure and properties of insitu high entropy alloy/tungsten carbide composites by mechanical alloying

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Microstructure evolution of WC-TiC-CO cemented carbides during reactive sintering

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Microstructure formation and performance of reactive sintered titanium oxycarbide base ceramic-ceramic composites

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Optimization of hardmetal reinforcement content in Fe-based hardfacings for abrasive-impact wear conditions

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Selective laser melting of TiC-based cermet : HIP studies

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Selective laser melting of TiC-Fe via laser pulse shaping : microstructure and mechanical properties

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Sliding Wear and Debris Evolution in LPBFed Ceramic-Reinforced Steel Composites Under Variable Loads and Temperatures

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TalTechi teadur arutleb: millal käib “suur pauk”, mis kiirendab tööstuses alternatiivsete materjalide kasutamist?
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The effect of VC, TiC and Cr₃C₂ on the microstructure and properties of WC-15CO hardmetals fabricated by the reactive sintering
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Three-body abrasive wear of WC-Co composites manufactured by reactive sintering of nanocrystalline powders [Electronic resource]
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Wear behavior of ceramic-metal composites as tool material for FSW of copper
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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 <https://doi.org/10.5755/j01.ms.23.3.17640> [Journal metrics at Scopus](#)
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