

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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Ferritic chromium steel as binder metal for WC cemented carbides

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

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Microstructure evolution of TiC cermets with ferritic AISI 430L steel binder

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

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Performance of ceramic-metal composites as potential tool materials for friction stir welding of aluminium, copper and stainless steel

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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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Sintering of high Mn cemented carbides in Mn-rich environment

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

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Synergistic effect of Nb and Mo on the microstructural formation of the Ti(C,N)-high chromium ferrous-based cermets

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The effect of spark plasma sintering thermal cycle on behaviour of Fe-based hardfacings reinforced with WC and WC-based hardmetal

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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](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)