

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

Tiismus, Hans; Kallaste, Ants; Belahcen, Anouar; Tarraste, Marek; Vaimann, Toomas; Rassõlkin, Anton; Asad, Bilal; Ghahfarokhi, Payam Shams Energies 2021 / 13 p. : ill <https://doi.org/10.3390/en14051241> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Alloying of TiC-FeCr cermet in manganese vapor

Kolnes, Märt; Tarraste, Marek; Kübarsepp, Jakob; Juhani, Kristjan; Viljus, Mart IOP conference series : materials science and engineering 2021 / art. 012043 <https://doi.org/10.1088/1757-899X/1140/1/012043>

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Effect of sintering method on surface fatigue of carbide composites

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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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Ferritic chromium steel as binder metal for WC cemented carbides

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In-situ alloying of TiC-FeCr cermets in manganese vapour

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Optimization of structure of hardmetal reinforced iron-based PM hardfacings for abrasive 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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Powder metallurgy of Al_{0.1}CoCrFeNi high-entropy alloy

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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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The influence of Cr₃C₂ and VC as alloying additives on the microstructure and properties of reactive sintered WC-Co cermets

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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

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