

Abrasive-erosive wear of thermally sprayed coatings from experimental and commercial Cr₃C₂-based powders

Sarjas, Heikki; **Surženkov, Andrei; Juhani, Kristjan; Antonov, Maksim; Adoberg, Eron; Kulu, Priit; Viljus, Mart; Traksmaa, Rainer**; Matikainen, Ville; Vuoristo, Petri Journal of thermal spray technology 2017 / p. 2020-2029 : ill <https://doi.org/10.1007/s11666-017-0638-2>

Atomic- and magnetic-force microscopy in variable applied magnetic fields on CoFe/IrMn multilayer [Online resource]

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Atomic layer deposition for hard nanocoatings

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Atomic layer deposition of alumina on g-Al₂O₃ nanofibres

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Bacterial polysaccharide levan as stabilizing, non-toxic and functional coating material for microelement-nanoparticles

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CuInS₂ solar cell absorber plasmonically modified by gold nanoparticles

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Development and characterization of photo-oxidation efficiency and antibacterial effects of nano-TiO₂ thin films

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Development of antibiotic-imprinted polymer films on the dextran-modified gold surfaces

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Effect of CdCl₂ vapor phase pretreatment annealing on the properties of CSS CdS and CdTe/CdS thin film solar cells

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Effect of TiB₂ additives on wear behavior of NiCrBSi-based plasma-sprayed coatings

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Electrochemical functionalization of gold and silicon surfaces by a maleimide group as a biosensor for immunological application

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Emerging challenges for numerical simulations of quasi-static collision experiments on laser-welded thin-walled steel structures

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Enhanced photocatalytic activity of ZnO nanorods by surface treatment with H₂AuCl₄ : synergic effects through an electron scavenging, plasmon resonance and surface hydroxylation

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High temperature erosion wear of cermet particles reinforced self-fluxing alloy HVOF sprayed coatings

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Increased efficiency inside the CdTe solar cell absorber caused by plasmonic metal nanoparticles

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