

AlCo-rich AlCoNiFe and AlCoNiFeCr high entropy alloys: Synthesis and interaction pathway at high heating rates

Nazaretyan, K.; **Aydingyan, Sofiya**; Kirakosyan, H.; Moskovskikh, D.; Nepapushev, A.; Kuskov, K.; Tumanyan, M.; Zargaryan, A.; **Traksmaa, Rainer**; **Kharatyan, S.** Journal of alloys and compounds 2023 / art. 167589, 13 p

<https://doi.org/10.1016/j.jallcom.2022.167589> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Analysis of microstructure and abrasive wear of Fe-based hardfacings with TiC, in-situ synthesized from TiO₂

Yöyler, Sibel; **Surzhenkov, Andrei**; **Antonov, Maksim**; **Viljus, Mart**; **Traksmaa, Rainer**; **Juhani, Kristjan** Euro PM2023 : proceedings 2023 / art. 195090 <https://doi.org/10.59499/EP235762969>

Breakdown of classical models in highly damped ultrasonic propagation

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Comparative investigation of the graphene-on-silicon carbide and CVD graphene as a basis for biosensor application

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Dissimilar welding of high-entropy alloy to Inconel 718 superalloy for structural applications

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Does surface morphology of plant-based protein powders influence sensory perception?

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The effect of niobium on the microstructure evolution of ferritic stainless steel matrix cermets

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Effect of thermal shock treatment parameters on the efficiency of WC-Co cermet recycling

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The impact of microstructural refinement on the tribological behavior of niobium processed by Indirect Extrusion Angular Pressing

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Mechanical properties of two novel non-equiatomic Zr-Hf-Ti-Cu-Ni-Co-Al High Entropy Alloys with high glass forming ability

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Phase, microstructure, and wear behavior of Al₂O₃-reinforced Fe–Si alloy-based metal matrix nanocomposites

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Surface structure transformation in double forged tungsten upon single and sequenced irradiation using different types of radiation facilities

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