

Additive manufacturing of CMCs with bimodal microstructure

Maurya, Himanshu Singh; Vikram, R. J.; Kosiba, Konrad; **Juhani, Kristjan; Sergejev, Fjodor;** Suwas, Satyam; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 168416, 5 p. : ill <https://doi.org/10.1016/j.jallcom.2022.168416> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive manufacturing of TiC-based cermets : a detailed comparison with spark plasma sintered samples

Maurya, Himanshu Singh; Jayaraj, Jayamani; Vikram, Raja Jothi; **Juhani, Kristjan; Sergejev, Fjodor; Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 170436 <https://doi.org/10.1016/j.jallcom.2023.170436> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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An alternative chlorine-assisted optimization of CdS/Sb2Se3 solar cells : towards understanding of chlorine incorporation mechanism

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Comparison of additively manufacturing samples fabricated from pre-alloyed and mechanically mixed powders

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Control of texture and microstructure in additive manufacturing of stainless steel 316L

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Development of Cu-based shape memory alloy through selective laser melting from elemental powder mixture: Processing and characterization

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Effect of heat treatment on the phase transformation and magnetic properties of BPSCCO/LPMO composites

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Effect of NiCoFeAlTi high entropy intermetallic reinforcement particle size on the microstructure and mechanical properties of CoCrFeMnNi high-entropy alloy composites fabricated by selective laser melting

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Effect of scanning strategy on microstructure and texture evolution in a selective laser melted Al-33Cu eutectic alloy

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Effect of TiB2 addition on the mechanical and biological response of spark plasma sintered Ti6Al7Nb matrix composites

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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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Novel welding of Al_{0.5}CoCrFeNi high-entropy alloy: corrosion behavior

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Role of laser remelting and heat treatment in mechanical and tribological properties of selective laser melted Ti6Al4V alloy

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Routes to develop a [S]/([S]+[Se]) gradient in wide band-gap Cu₂ZnGe(S,Se)₄ thin-film solar cells

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Spark plasma sintering of 13Ni-400 maraging steel: Enhancement of mechanical properties through surface modification

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Spark plasma sintering of Ti6Al4V metal matrix composites: Microstructure, mechanical and corrosion properties

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Spinel to disorder rock-salt structural transition on (111) nickel ferrite thin films tailored by Ni content

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