

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>

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.; **Traksmas, Rainer; Kharatyan, S.** Journal of alloys and compounds 2023 / art. 167589, 13 p <https://doi.org/10.1016/j.jallcom.2022.167589>

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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Densification of the eggshell powder by spark plasma sintering

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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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Modification of the optoelectronic properties of Cu₂CdSnS₄ through low-temperature annealing

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Routes to develop a $S/([S]+[Se])$ gradient in wide band-gap $Cu_2ZnGe(S,Se)_4$ thin-film solar cells

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The influence of high energy milling and sintering parameters on reactive sintered (Ti, Mo)C-Ni cermets

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