

Additive manufacturing : alloy design and process innovations

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Additive manufacturing : alloy design and process innovations

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Additive manufacturing and allied technologies

Sivaprasad, Katakam; Ramesh Babu, Amarapuram; **Prashanth, Konda Gokuldoss** Transactions of the Indian Institute of Metals 2023 / p. 269 <https://doi.org/10.1007/s12666-023-02892-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Additive manufacturing and allied technologies

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Additive manufacturing of a martensitic Co–Cr–Mo alloy : Towards circumventing the strength–ductility trade-off

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Additive manufacturing of aluminum-based metal matrix composites - a review

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Additive manufacturing of CMCs with bimodal microstructure

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Additive manufacturing of CoCrFeMnNi high-entropy alloy/AISI 316L stainless steel bimetallic structures

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Additive manufacturing of cryogenic chemically complex alloys with sponge bone-like reticular nanoscale superstructure

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Additive manufacturing of TiC-based cermet with stainless steel as a binder material

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

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Biomorphic porous Ti6Al4V gyroid scaffolds for bone implant applications fabricated by selective laser melting

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Circumventing Solidification Cracking Susceptibility in Al–Cu Alloys Prepared by Laser Powder Bed Fusion

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EBSDB investigation of microstructure and microtexture evolution on additively manufactured TiC-Fe based cermets—Influence of multiple laser scanning

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Effect of scanning speed on mechanical, corrosion, and fretting-tribocorrosion behavior of austenitic 316L stainless steel produced by laser powder bed fusion process

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Effect of selective laser melting process parameters on microstructural and mechanical properties of TiC–NiCr cermet

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Effect of the laser processing parameters on the selective laser melting of TiC–Fe-based cermets

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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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Sliding Wear and Debris Evolution in LPBFed Ceramic-Reinforced Steel Composites Under Variable Loads and Temperatures

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

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Subtle change in the work hardening behavior of fcc materials processed by selective laser melting

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