

Additive manufacturing and allied technologies

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Copper chalcopyrites for solar energy applications

Mandati, Sreekanth; Misra, Prashant; Sarada, Bulusu V.; Rao, Tata Naransinga Transactions of the Indian Institute of Metals 2019 / p. 271–288 : ill <https://doi.org/10.1007/s12666-018-1455-0>

Effect of powder characteristic and aging treatment on the corrosion behavior of selective laser melted Al-20Si alloy

Ma, Pan; Zhang, Zhiyu; Ke, Yu; Yang, Shuhao; Deng, Kun; Cheng, Peng; Chen, Hongdian; **Prashanth, Konda Gokuldoss** Transactions of the Indian Institute of Metals 2022 / p. 2367-2377 <https://doi.org/10.1007/s12666-022-02548-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Microstructure and tribological behavior of Fe-based amorphous alloy fabricated by plasma spraying and laser remelting

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Recent developments on wear and corrosion behavior of iron/iron–nickel metal matrix composites reinforced with zirconia

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Research progress on composition design of multicomponent eutectic high entropy alloys

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Selective laser melting of TiC-based cermet : HIP studies

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06Cr15Ni4CuMo selective laser melted additive manufacturing technology steel : mechanical and tribological properties

Jayaraman, Maya; Sivaprasad, Katakam; Ravisankar, B.; **Prashanth, Konda Gokuldoss** Transactions of the Indian Institute of Metals 2025 / art. 208 <https://doi.org/10.1007/s12666-025-03658-z>

Ti6Al4V coating on 316L substrate by laser-based fusion process

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Wear behavior of selective laser melted 06Cr15Ni4CuMo steel

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