

Effect of Si addition on microstructure and mechanical properties of SiC ceramic fabricated by direct LPBF with CVI technology

Wang, Yipu; Wang, Pei; Li, Liqun; Zhang, Jian; Zhang, Yulei; Peng, Jin; Wang, Xingxing; Kang, Nan; El Mansori, Mohamed; Prashanth, Konda Gokuldoss Applied sciences 2025 / art. 8585 <https://doi.org/10.3390/app15158585>

Microstructural evolution and mechanical properties of selective laser melted Ti-6Al-4V induced by annealing treatment

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Microstructure and mechanical properties of TiB₂/Al-5Cu composites fabricated by multi-material laser powder bed fusion

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A novel crack-free Ti-modified Mo alloy designed for laser powder bed fusion

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A review of particulate-reinforced aluminum matrix composites fabricated by selective laser melting

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Selective laser melting of Al-7Si-0.5 Mg-0.5Cu : effect of heat treatment on microstructure evolution, mechanical properties and wear resistance

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Strong and ductile titanium via additive manufacturing under a reactive atmosphere

Dong, Yangping; Wang, Dawei; Li, Qizhen; Luo, Xiaoping; Zhang, Jian; Prashanth, Konda Gokuldoss; Wang, Pei; Eckert, Jürgen; Mädler, Lutz; Okulov, Ilya V.; Yan, Ming Materials today advances 2023 / art. 100347 <https://doi.org/10.1016/j.mtadv.2023.100347> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS