

Microstructure–property evaluation and equiaxed regulation of novel Ti-6Al-4V-2Cr-xMo alloys fabricated by directed energy deposition

Zhao, Kexin; Ye, Zimeng; Huang, Kaihu; Prashanth, Konda Gokuldoss; Yu, Zerong; Wu, Wenlu; Su, Wei; Zhang, Fengying; Tan, Hua Materials science and engineering : A 2025 / art. 149131 <https://doi.org/10.1016/j.msea.2025.149131>

Understanding the solute segregation and redistribution behavior in rapidly solidified binary Ti-X alloys fabricated through non-equilibrium laser processing

Ye, Zimeng; Zhao, Kexin; Yu, Zerong; Prashanth, Konda Gokuldoss; Zhang, Fengying; He, Yuqi; Peng, Yijie; Wu, Wenlu; Tan, Hua Additive Manufacturing 2024 / art. 104561 <https://doi.org/10.1016/j.addma.2024.104561> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)