

Annealing of Al-Zn-Mg-Cu alloy at high pressures : evolution of microstructure and the corrosion behavior

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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

Zhang, Zhiyu; Ma, Pan; Fang, Yacheng; Yang, Zhilu; Zhang, Nan; **Prashanth, Konda Gokuldoss**; Jia, Yandong Journal of alloys and compounds 2023 / art. 169417 <https://doi.org/10.1016/j.jallcom.2023.169417> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effect of substrate plate heating on the microstructure and properties of selective laser melted Al-20Si-5Fe-3Cu-1Mg alloy

Ma, Pan; Ji, Pengcheng; Jia, Yandong; Shi, Xuerong; Yu, Zhishui; **Prashanth, Konda Gokuldoss** Materials 2021 / art. 330 <https://doi.org/10.3390/ma14020330> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Electron beam melting of (FeCoNi)₈₆Al₇Ti₇ high-entropy alloy

Peng, Cong; Jia, Yandong; Liang, Jian; Xu, Long; Wang, Gang; Mu, Yongkun; Sun, Kang; Ma, Pan; **Prashanth, Konda Gokuldoss** Journal of alloys and compounds 2023 / art. 170752 <https://doi.org/10.1016/j.jallcom.2023.170752> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Frictional wear and corrosion behavior of AlCoCrFeNi high-entropy alloy coatings synthesized by atmospheric plasma spraying

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Influence of substrate plate heating on the fabrication of Al-12Si produced by selective laser melting

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Microstructure and mechanical performances of NiCoFeAlTi high-entropy intermetallic reinforced CoCrFeMnNi high-entropy alloy composites manufactured by selective laser melting

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Microstructure and mechanical properties of Al-(12-20)Si bi-material fabricated by selective laser melting

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Microstructure and mechanical properties of AlCoCrFeMnNi HEAs fabricated by selective laser melting

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Microstructure and nanoindentation creep behavior of binary Al-Cu alloy synthesized at high pressure

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

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Multi-type dislocation substructure evolution in a high-strength and ductile duplex high-entropy nanocomposites

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Plastic deformation mechanisms in severely strained eutectic high entropy composites explained via strain rate sensitivity and activation volume

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Selective laser melting of AlCoCrFeMnNi high entropy alloy : effect of heat treatment

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Selective laser melting of in-situ CoCrFeMnNi high entropy alloy : effect of remelting

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

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Thermal expansion behavior of Al-xSi alloys fabricated using selective laser melting

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