

Corrosion behavior of 17–4 PH stainless steel manufactured by laser powder bed fusion: Effect of graphene coating and heat-treatment

Maharana, P.; Sahu, D. K.; Sahoo, D.; Mallik, A.; Mishra, S.; Ramakrishna, M.; **Prashanth, Konda Gokuldoss**; Gollapudi, S. Materials today communications 2024 / art. 111098 <https://doi.org/10.1016/j.mtcomm.2024.111098> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Crystalline structure, surface morphology and optical properties of nanolamellar composites obtained by intercalation of InSe with Cd

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Effect of precipitation heat treatment on a mechanically alloyed Al-based composite reinforced with metallic glassy powder

Deng, Guiying; Wang, Zhi; Hu, Yuan; Zhao, Qizhong; Zhang, Weiwen; Yang, Chao; Li, Liejun; **Prashanth, Konda Gokuldoss**; Suryanarayana, Challapalli Advanced engineering materials 2024 / 10 p <https://doi.org/10.1002/adem.202401075>

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

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Electrical characterization of annealed chemical-bath-deposited CdS films and their application in superstrate configuration CdTe/CdS solar cells

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Heat treatment and laser shock peening of AlSi10Mg alloy produced by selective laser melting : microstructure, hardness and residual stress analysis

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The influence of synthesis parameters and thermal treatment on the optical and structural properties of zinc oxide-based nanomaterials

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Punch lifetime in fine-blanking with optimum combination of mechanical properties

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Response of stress relieving and solution annealing treatment on tensile properties and fracture toughness of additively manufactured stainless steel 316L

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

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Synthesis of Cu₂ZnSnS₄ solar cell absorber material by sol-gel method

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Tailoring anisotropy and heterogeneity of selective laser melted Ti6Al4V alloys

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