

### **Additive manufacturing of CoCrFeMnNi high-entropy alloy/AISI 316L stainless steel bimetallic structures**

Sokkalingam, Rathinavelu; Chao, Zhao; Sivaprasad, Katakam; Muthupandi, Veerappan; Jayaraj, Jayamani; Ramasamy, Parthiban; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Advanced engineering materials 2023 / art. 2200341

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### **Irradiation-induced atomic migration and its effect on the surface and mechanical properties of laser additive manufactured MWCNTs/Al–Mg–Sc–Zr composites**

Xi, Lixia; Zhang, Yuting; Geng, Xiaofeng; Gu, Dongdong; Shi, Keyu; Ramasamy, Parthiban; **Prashanth, Konda Gokuldoss; Eckert, Jürgen** Journal of materials research and technology 2025 / p. 4043-4054 <https://doi.org/10.1016/j.jmrt.2025.02.109>

### **Machine learning assisted design of high-entropy alloys with ultra-high microhardness and unexpected low density**

Zhao, Shunli; Jiang, Bin; Song, Kaikai; Liu, Xiaoming; Wang, Wenyu; Si, Dekun; Zhang, Jilei; Chen, Xiangyan; Zhou, Changshan; Liu, Pingping; Chen, Dong; Zhang, Zequn; Ramasamy, Parthiban; Tang, Junlei; Lv, Wenquan; **Prashanth, Konda Gokuldoss; Söpu, Daniel; Eckert, Jürgen** Materials & design 2024 / art. 112634 <https://doi.org/10.1016/j.matdes.2024.112634>