

**Bioactive ceramic scaffolds for bone tissue engineering by powder bed selective laser processing : a review**

**Kamboj, Nikhil Kumar**; Ressler, Antonia; **Hussainova, Irina** Materials 2021 / art. 5338 <https://doi.org/10.3390/ma14185338> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hydrogen effects in equiatomic CrFeNiMn alloy fabricated by laser powder bed fusion**

Yang, Xuan; Yagodzytsky, Yuriy; Ge, Yanling; Lu, Eryang; Lehtonen, Joonas; **Kollo, Lauri**; Hannula, Simo-Pekka Metals 2021 / art. 872 <https://doi.org/10.3390/met11060872> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Laser additive manufacturing of nano-TiC particles reinforced CoCrFeMnNi high-entropy alloy matrix composites with high strength and ductility**

Chen, Hongyi; Lu, Twen; **Prashanth, Konda Gokuldoss**; Kosiba, Konrad Materials Science and Engineering : A 2022 / art. 142512 <https://doi.org/10.1016/j.msea.2021.142512> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Zhang, Cheng; Wang, Pei; Liu, C. Y.; Liu, Zhiyuan; Wu, Mingwei; Gao, X. H.; Li, M. H.; Yang, Chao; **Prashanth, Konda Gokuldoss**; Chen, Zhangwei Journal of alloys and compounds 2022 / art. 164802 <https://doi.org/10.1016/j.jallcom.2022.164802> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Parametric study on in situ Laser powder bed fusion of Mo(Si<sub>1-x</sub>Al<sub>x</sub>)<sub>2</sub>**

**Minasyan, Tatevik**; **Aydinyan, Sofiya**; Toyserkani, Ehsan; **Hussainova, Irina** Materials 2020 / art. 4849, 17 p. : ill <https://doi.org/10.3390/ma13214849> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Selective laser melting and spark plasma sintering: a perspective on functional biomaterials**

Rahmani Ahranjani, Ramin; Lopes, Sergio Ivan; **Prashanth, Konda Gokuldoss** Journal of functional biomaterials 2023 / art. 521, 33 p. : ill <https://doi.org/10.3390/jfb14100521> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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.madv.2023.100347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Synergistic strengthening mechanisms of dual-phase (TiN+AlN) reinforced aluminum matrix composites prepared by laser powder bed fusion**

Wang, Ruiqi; Xi, Lixia; Feng, Lili; Sarac, Baran; **Prashanth, Konda Gokuldoss**; Eckert, Jürgen; Gu, Dongdong 3D printing and additive manufacturing 2023 / p. ? <https://doi.org/10.1089/3dp.2023.0004>