

Additive manufacturing of a martensitic Co–Cr–Mo alloy : Towards circumventing the strength–ductility trade-off

Wang, Zhi; Tang, S.Y.; Scudino, Sergio; Ivanov, Y.P.; Qu, R.T.; Wang, D.; Yang, C.; Zhang, W.W.; Greer, A.L.; Eckert, Juergen H.; **Prashanth, Konda Gokuldoss** Additive Manufacturing 2021 / art. 101725 <https://doi.org/10.1016/j.addma.2020.101725> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cooling rate control combined with refractory Mo and/or V addition to enhance the mechanical properties of CoCrFeMnNi alloy

Gonzalez, Sergio; Garay-Reyes, Carlos Gamaliel; Martinez-Garcia, Alfredo; **Prashanth, Konda Gokuldoss**; Ruiz-Esparza-Rodriguez, Marco Antonio; Hurtado-Macias, Abel; Eckert, Juergen H.; Martinez-Sanchez, Roberto Journal of materials research and technology 2025 / p. 459-469 <https://doi.org/10.1016/j.jmrt.2025.03.074>

Maximizing the degree of rejuvenation in metallic glasses

Yuan, Xudong; Söpu, Daniel; Spieckermann, Florian C.; Song, Kaikai; Ketov, Sergey V.; **Prashanth, Konda Gokuldoss**; Eckert, Juergen H. Scripta Materialia 2022 / art. 114575 <https://doi.org/10.1016/j.scriptamat.2022.114575> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mechanical properties of two novel non-equiatomic Zr-Hf-Ti-Cu-Ni-Co-Al High Entropy Alloys with high glass forming ability

Gonzalez, Sergio; Wurster, Stefan; Garay-Reyes, Carlos Gamaliel; Hurtado-Macias, Abel; Ramasamy, Parthiban; Oleszak, Dariusz; Gammer, Christoph; **Prashanth, Konda Gokuldoss**; Martinez-Garcia, Alfredo; Eckert, Juergen H.; Martinez-Sanchez, Roberto Journal of alloys and compounds 2025 / art. 180196 <https://doi.org/10.1016/j.jallcom.2025.180196>

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

Maity, Tapabrata; **Prashanth, Konda Gokuldoss**; Balci, Özge; Wang, Zhi; Jia, Yandong; Eckert, Juergen H. Composites Part B : Engineering 2018 / p. 7-13 <https://doi.org/10.1016/j.compositesb.2018.05.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Selective laser manufacturing of Ti-based alloys and composites : impact of process parameters, application trends, and future prospects

Singh, Nirmal Kumar; Hameed, Pearlin; **Ummethala, Raghunandan**; Manivasagam, Geetha; **Prashanth, Konda Gokuldoss**; Eckert, Juergen H. Materials Today Advances 2020 / Art. 100097 <https://doi.org/10.1016/j.mtadv.2020.100097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)