

**Editorial : Fundamentals and challenges of advanced amorphous and high-entropy alloys**

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**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**; Sopu, Daniel; Eckert, Jurgen *Materials & design* 2024 / art. 112634 <https://doi.org/10.1016/j.matdes.2024.112634>

**Maximizing the degree of rejuvenation in metallic glasses**

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

Mua, Yongkun; **Liu, Le**; Shia, Jinqiang; Sun, Tongtong; Hua, Kai; Jia, Yuefei; Song, Kaikai; Jia, Yandong; Wang, Qing; Wang, Gang *Composites Part B : Engineering* 2022 / art. 110322 <https://doi.org/10.1016/j.compositesb.2022.110322> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)