

Influence of microstructure and strengthening mechanism of AlMg5-Al₂O₃ nanocomposites prepared via spark plasma sintering

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<http://dx.doi.org/10.1016/j.matdes.2016.01.138>

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

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Microstructure and properties development of copper during severe plastic deformation

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Time-effective synthesis of rhombohedral CuAlO₂ from mesoporous alumina substrate

Saffarshamshirgar, Ali; Aghayan, Marina; Tripathi, Tripurari S.; Karppinen, Maarit; Gasik, Michael; **Hussainova, Irina** Materials & design 2018 / p. 48-55 : ill <https://doi.org/10.1016/j.matdes.2018.03.031> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Wear and corrosion resistance of a laser powder bed fused AZ91D magnesium matrix composite with TiC reinforcement

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