

Aluminum matrix composites reinforced with metallic glass particles with core-shell structure

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Characterization of microstructure and mechanical properties of friction stir welded AlMg5-Al₂O₃ nanocomposites

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Effect of milling time on dual-nanoparticulate-reinforced aluminum alloy matrix composite materials

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Evaluation of fatigue crack growth rates and fracture toughness in a selective laser-melted Ti-5.6Al-3.8V alloy with optimized microstructure after heat treatment

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Evolution of microstructure and hardness in aluminum processed by high pressure torsion extrusion

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Friction welding of electron beam melted Ti-6Al-4V

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The influence of Laves phase morphology on the mechanical properties of rotary friction welded Inconel 718 fabricated by selective laser melting

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

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Microstructure–property evaluation and equiaxed regulation of novel Ti-6Al-4V-2Cr-xMo alloys fabricated by directed energy deposition

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Nano-silicon carbide reinforced aluminium produced by high-energy milling and hot consolidation

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Selective laser melting of Ti6Al4V : effect of laser re-melting

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Texture dependent strain hardening in additively manufactured stainless steel 316L

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