

Bio-inspired TiB₂-TiB-TiN lattices by selective laser melting

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Electrochemically synthesised CdSe nanofibers and pearl-chain nanostructures for photovoltaic applications

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Fibrous alumina-based Ni-CeO₂ catalyst : synthesis, structure and properties in propane pre-reforming

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Fibrous alumina-based Ni-MO_x (M= Mg, Cr, Ce) catalysts for propane pre-reforming

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Influence of Cu₂S, SnS and Cu₂ZnSnSe₄ on optical properties of Cu₂ZnSnS₄

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Mechanochemical synthesis of solid-state electrolyte Sm_{1-x}CaxF_{3-x} for batteries and other electrochemical devices

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Microstructure and mechanical properties of NiTi-SS bimetallic structures built using wire arc additive manufacturing

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Mo(Si,Al)₂ by laser powder bed fusion of AlSi10Mg and combustion synthesized MoSi₂

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Mo(Si_{1-x}Al_x)₂-based composite by reactive laser powder-bed fusion

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A novel crack-free and refined 2195-Ti/CeB₆ composites prepared by laser powder bed fusion

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Properties development of ultrafine-grained copper under hard cyclic viscoplastic deformation

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Rapid assessment of photovoltaic activity of perovskite solar cells by photoluminescence spectroscopy

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Revealing the impact of Hot Isostatic Pressing temperature on the microstructure and mechanical characteristics of Selective Laser Melted CuAlNiMn shape memory alloy

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Selective photocurrent generation in HfO₂ and carbon nanotube hybrid nanocomposites under Ultra-Violet and visible photoexcitations

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Superhard B₄C-ReB₂ composite by SPS of microwave synthesized nanopowders

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Testing Mg as an anode against BiF₃ and SnF₂ cathodes for room temperature rechargeable fluoride ion batteries

