

Additively manufactured mesostructured MoSi₂-Si₃N₄ ceramic lattice

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Assessment of 3D printed steels and composites intended for wear applications in abrasive, dry or slurry erosive conditions

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Combustion synthesis of MoSi₂ based composite and selective laser sintering thereof

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Solution combustion synthesis of MnFeCoNiCu and (MnFeCoNiCu)₃O₄ high entropy materials and sintering thereof

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Supramolecular chirogenesis in zinc porphyrins by enantiopure hemicucurbit[n]urils (n = 6, 8)

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Synthesis of Ni@SiO₂ and Co@SiO₂ nanomagnets after formation of NiO and Co₂O₃ nanoparticles at low temperatures using CaH₂

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ZrC+TiC synergically reinforced metal matrix composites with micro/nanoscale reinforcements prepared by laser powder bed fusion

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