

Additively manufactured mesostructured MoSi₂-Si₃N₄ ceramic lattice

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AlCo-rich AlCoNiFe and AlCoNiFeCr high entropy alloys: Synthesis and interaction pathway at high heating rates

Nazaretyan, K.; **Aydinyan, Sofiya**; Kirakosyan, H.; Moskovskikh, D.; Nepapushev, A.; Kuskov, K.; Tumanyan, M.; Zargaryan, A.; **Traksmaa, Rainer; Kharatyan, S.** Journal of alloys and compounds 2023 / art. 167589, 13 p
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Bio-inspired TiB₂-TiB-TiN lattices by selective laser melting

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Combustion synthesis and consolidation of Ni-W nanocomposite material

Zakaryan, Marieta; **Aydinyan, Sofiya**; Kharatyan, Suren Ceramics in modern technologies 2019 / p. 67-74
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Combustion synthesis and reactive spark plasma sintering of non-equiatomic coal-based high entropy intermetallics

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Combustion synthesis of nanoscale boron and silicon carbides

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Mesoporous fibrous silicon nitride by catalytic nitridation of silicon

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Self-Propagating High-Temperature Synthesis of Silicon Carbide Using Reactions Thermokinetic Coupling Approach

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Solution combustion synthesis and spark plasma sintering of magnetic high entropy materials

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

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Superhard B₄C-ReB₂ composite by SPS of microwave synthesized nanopowders

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Synthesis and consolidation of Mo-Cu composite nanopowder [Online resource]

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