

#### **Additively manufactured mesostructured MoSi<sub>2</sub>-Si<sub>3</sub>N<sub>4</sub> ceramic lattice**

**Minasyan, Tatevik; Liu, Le; Holovenko, Yaroslav; Aydinyan, Sofiya; Hussainova, Irina** Ceramics international 2019 / p. 9926-9933 <https://doi.org/10.1016/j.ceramint.2019.02.035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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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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#### **Boosting phosphorescence efficiency by crystal anisotropy in SrAl<sub>2</sub>O<sub>4</sub>:Eu,Dy textured ceramic layers**

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#### **Comparative investigation of microstructure, mechanical properties and strengthening mechanisms of Al-12Si/TiB<sub>2</sub> fabricated by selective laser melting and hot pressing**

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### **Impact of fuel quantity on luminescence properties of Sr<sub>3</sub>Al<sub>2</sub>O<sub>6</sub> : Eu by combustion synthesis**

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**Microstructure and mechanical properties of AlCoCrFeMnNi HEAs fabricated by selective laser melting**

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**Microstructure evolution of TiC cermets with ferritic AISI 430L steel binder**

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