

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

Liu, Le; Minasyan, Tatevik; Kamboj, Nikhil; Aydinyan, Sofiya; Hussainova, Irina Materials Letters 2020 / art. 128337

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CoB-TiB₂ crystalline powders : Synthesis, microstructural analysis and their utilization as reinforcement agent

Khoshshima, Sina; Altintas, Zerrin; Burkhardt, Ulrich; Schmidt, Marcus; Prashanth, Konda Gokuldoss; Somer, Mehmet; Balci, Özge

Advanced powder technology 2020 / p. 2964-2972 <https://doi.org/10.1016/j.apt.2020.05.026> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Effect of FeNiCrBSiC-MeB₂ material composition on the oxidation behavior at high temperatures

Umanskyi, Oleksandr; Storozhenko, Maryna; Koshelev, M.; Antonov, Maksim Powder metallurgy and metal ceramics 2019 / p. 670-

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Effect of oxidation on sliding wear behavior of NiCrSiB-TiB₂ plasma sprayed coatings

Umanskii, A.; Hussainova, Irina; Storozhenko, M.; Terentyev, O.; Antonov, Maksim Engineering materials & tribology XXII 2014 / p.

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Effect of TiB₂ additives on wear behavior of NiCrBSi-based plasma-sprayed coatings

Umanskyi, Oleksandr; Storozhenko, Maryna; Hussainova, Irina; Terentjev, Oleksandr; Kovalchenko, Andrey; Antonov, Maksim

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Effect of TiB₂ particles on microstructure and crystallographic texture of Al-12Si fabricated by selective laser melting

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Selective laser melting of TiB₂-Ti composite with high content of ceramic phase

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SHS produced TiB₂-Si powders for selective laser melting of ceramic-based composite

Liu, Le; Aydinyan, Sofiya; Minasyan, Tatevik; Hussainova, Irina Applied sciences 2020 / art. 3283, 12 p. : ill

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Structure, phase composition, and wear mechanisms of plasma-sprayed NiCrSiB-20wt.% TiB₂ coatings

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