

Comparative study of microstructure and mechanical properties of Mg/B4C composites: Influence of sintering method and temperature

Ghasali, Ehsan; **Kariminejad, Arash**; Raza, Saleem; Orooji, Yasin; Paimard, Giti; Babenko, Andrii; Jie, Li; Ebadzadeh, Touradj
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Comparison of the wear and frictional properties of Cu matrix composites prepared by pulsed electric current sintering

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Densification of the eggshell powder by spark plasma sintering

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Effect of laser surface texturing and fabrication methods on tribological properties of Ti6Al4V/HAp biocomposites

Sadlik, Julia; Kosinska, Edyta; Tomala, Agnieszka; Bankosz, Magdalena; Polajnar, Marko; **Kumar, Rahul**; Kalin, Mitjan; **Kravanja, Gaia**; Hribar, Luka; **Hussainova, Irina** Materials 2025 / art.2468 <https://doi.org/10.3390/ma18112468>

Erosive wear of spark plasma sintered Al2O3 - cBN ceramic composites

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High-entropy (Ti0.4Ta0.4V0.4Nb0.4Cr0.4)AlC MAX phase synthesized by sputtering : structural, thermal, and mechanical insights

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Hot sliding wear of 88 wt.% TiB-Ti composites from SHS produced powders

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Lightweight 3D printed Ti6Al4V-AlSi10Mg hybrid composite for impact resistance and armor piercing shielding

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Microstructure and properties of in situ high entropy alloy/tungsten carbide composites by mechanical alloying

Sokkalingam, Rathinavelu; **Tarraste, Marek**; Surreddi, Kumar Babu; **Traksmaa, Rainer**; Muthupandi, Veerappan; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Material design & processing communications 2020 / 9 p. : ill
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Microwave synthesis of B4C nanopowder for subsequent spark plasma sintering

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Perspectives of metal-diamond composites additive manufacturing using SLM-SPS and other techniques for increased wear-impact resistance

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Powder metallurgy of Al0.1CoCrFeNi high-entropy alloy

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Sintering of silicon carbide obtained by combustion synthesis

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Spark plasma sintering of 13Ni-400 maraging steel: Enhancement of mechanical properties through surface modification

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Spark plasma sintering of Ti6Al4V metal matrix composites: Microstructure, mechanical and corrosion properties
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Superhard B4C-ReB2 composite by SPS of microwave synthesized nanopowders
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The impact resistance of highly densified metal alloys manufactured from gas-atomized pre-alloyed powders
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