

Densification and microstructure development in zirconia toughened hardmetals

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Effect of cBN content and additives on sliding and surface fatigue wear of spark plasma sintered Al₂O₃-cBN composites

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Electroconductive composite of zirconia and hybrid graphene/alumina nanofibers

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Graphene covered alumina nanofibers as toughening agent in alumina ceramics

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Graphene-encapsulated aluminium oxide nanofibers as a novel type of nanofillers for electroconductive ceramics

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

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On the potential of Transparent Rare-Earth-Free ZnAl₂O₄ Ceramics targeted at the UV-C to UV-B emission

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Processing and mechanical properties of ZrC-ZrO₂ composites

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Sliding wear performance of AlCrN coating on TiB₂/Ti composites at high temperatures

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Sliding wear performance of in-situ spark plasma sintered Ti-TiB_w composites at temperatures up to 900 °C

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Synthesis of superhard lightweight composites and improvement of their properties via chemical processing

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Time-effective synthesis of rhombohedral CuAlO₂ from mesoporous alumina substrate

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