

Abrasion and erosion resistance of cermets : a review

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Robust design optimization and emerging technologies for electrical machines: challenges and open problems

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Role of A-site (Sr), B-site (Y), and A, B sites (Sr, Y) substitution in lead-free BaTiO₃ ceramic compounds : structural, optical, microstructure, mechanical, and thermal conductivity properties

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The role of Cl in the chemical bath on the properties of CdS thin films

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The role of paradigms and technical strategies for implementation of the circular economy in the polymer and composite recycling industries

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Routes to develop a [S]/([S]+[Se]) gradient in wide band-gap Cu₂ZnGe(S,Se)₄ thin-film solar cells

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Saturn-shaped ice burst pattern and fast basal binding of an ice-binding protein from an Antarctic bacterial consortium

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Sb₂S₃ thin films by ultrasonic spray pyrolysis of antimony ethyl xanthate

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Sb₂S₃ thin-film solar cells fabricated from an antimony ethyl xanthate based precursor in air

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Screening and optimization of processing temperature for Sb₂Se₃ thin film growth protocol : interrelation between grain structure, interface intermixing and solar cell performance

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Selective disintegration–milling to obtain metal-rich particle fractions from E-waste

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Selective laser manufacturing of Ti-based alloys and composites : impact of process parameters, application trends, and future prospects

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Selective laser melting of Al-7Si-0.5 Mg-0.5Cu : effect of heat treatment on microstructure evolution, mechanical properties and wear resistance

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