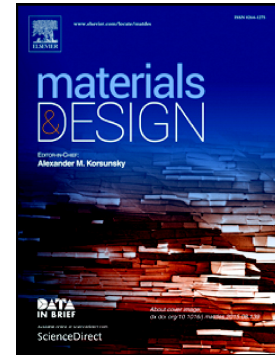


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A novel and facile method for detecting the lattice orientation of MoS₂ tribological surface using the SPSA process

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ABSTRACT

Lattice orientation detection techniques are crucial for two-dimensional materials as many unusual properties, such as electronic, optical, catalytic and magnetic properties, are closely related to particular lattice orientations. Herein, we propose a novel, low-cost and convenient detection technique, referred to as a single-line-scan power spectrum analysis (SPSA), which is established

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