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Altri autori (Persone)	XuHuibin
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Nota di contenuto	Synthesis and Properties of Surface Coatings; Preface; Committees; Table of Contents; Full-Scale Numerical Simulation of Plasma-Sprayed Functionally Gradient Materials; A Study of the Structural, Mechanical and Tribological Properties of Ti-Al-N Coatings Post-Treated by Carbon Implantation; Study on Photocatalytic Degradation of Electroless Ni-P-TiO ₂ Composite Coating; A Study on the Properties, Friction, Wear and Adhesion of HVOF Thermal Spray Coating of Micron Size Co-Alloy Powder Wear and Cutting Performance of Microdrills Coated Hard Film Deposited Using Closed Field Unbalanced Magnetron Sputter Ion Plating Depletion Model of Aluminum in Bond Coat for Plasma-Sprayed Thermal Barrier Coatings; Oxidation Resistance of Multicomponent CrTiAlN Hard Coatings at Elevated Temperatures; Development of Spherical Iron-Based Composite Powder with Carried Alumina Abrasive Grains by Plasma Spray; Ceramic Coatings by Electrophoretic Deposition: Processing and Properties; Electroless Ni-Co-P Coatings on

Sintered Nd-Fe-B Magnets with Improved Corrosion Resistance
Study on the Pretreatment Process for Nickel Coating on Microspheres
Effect of Silicon Sol on Anodic Oxidation Film of Titanium Alloys;
Performance of TC4 Titanium Alloys Coated with Different Sol;
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Sommario/riassunto

This volume on the Synthesis and Properties of Surface Coatings includes presentations covering areas such as the properties and characterization of surface coatings and modifications, deposition and modification processes, plasma and ion-beam physics, industrial applications and novel processes. It offers a concise overview of these topics and will be useful to anyone entering the field.
