

1. Record Nr.	UNINA9911019526203321
Autore	Takadoum Jamal
Titolo	Nanomaterials and Surface Engineering
Pubbl/distr/stampa	Hoboken, : Wiley, 2013
ISBN	9781118618523 1118618521 9781118618615 1118618610 9781299315389 1299315380 9781118618820 1118618823
Edizione	[1st ed.]
Descrizione fisica	1 online resource (374 p.)
Collana	ISTE
Disciplina	620.44 620.5 620/.44
Soggetti	Nanostructured materials Protective coatings -- Materials Surfaces Protective coatings - Materials Chemical & Materials Engineering Engineering & Applied Sciences Materials Science
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Cover; Nanomaterials and Surface Engineering; Title Page; Copyright Page; Table of Contents; Preface; Chapter 1. Architecture of Thin Solid Films by the GLAD Technique; 1.1. Introduction; 1.2. The GLAD technique; 1.2.1. Deposition with an oblique angle; 1.2.2. Deposition on mobile substrate; 1.3. Resulting properties; 1.3.1. Structure and morphology; 1.3.1.1. Crystallography; 1.3.1.2. Porosity; 1.3.1.3. Surface morphology; 1.3.2. Mechanical properties; 1.3.2.1. Elasticity;

1.3.2.2. Hardness; 1.3.3. Optical properties; 1.3.3.1. Filtering; 1.3.3.2. Birefringency; 1.3.4. Electronic properties
1.3.4.1. Conductivity; 1.3.4.2. Photonics; 1.4. Conclusions and outlooks;
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4.3. Kinetics of release

Sommario/riassunto

This book covers a wide range of topics that address the main areas of interest to scientists, engineers, and students concerned with the synthesis, characterization and applications of nanomaterials. Development techniques, properties, and examples of industrial applications are all widely represented as they apply to various nanostructured materials including nanocomposites and multilayered nanometric coatings. It is recommended to anyone working in the field of nanomaterials, especially in connection with the functionalization and engineering of surfaces.
