

1. Record Nr.	UNINA9911006780603321
Titolo	Chemical vapour deposition : precursors, processes and applications / / edited by Anthony C. Jones, Michael L. Hitchman
Pubbl/distr/stampa	Cambridge, UK, : Royal Society of Chemistry, c2009
ISBN	9781621987031 1621987035 9781847558794 1847558798
Edizione	[1st ed.]
Descrizione fisica	1 online resource (599 p.)
Altri autori (Persone)	JonesAnthony C HitchmanMichael L
Disciplina	671.735
Soggetti	Chemical vapor deposition Vapor-plating
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	9780854044658; i_iv; v_vi; vii_xvi; 001_036; 037_092; 093_157; 158_206; 207_271; 272_319; 320_356; 357_412; 413_450; 451_476; 477_493; 494_534; 535_570; 571_582
Sommario/riassunto	Chemical Vapour Deposition (CVD) involves the deposition of thin solid films from chemical precursors in the vapour phase, and encompasses a variety of deposition techniques, including a range of thermal processes, plasma enhanced CVD (PECVD), photon- initiated CVD, and atomic layer deposition (ALD). The development of CVD technology owes a great deal to collaboration between different scientific disciplines such as chemistry, physics, materials science, engineering and microelectronics, and the publication of this book will promote and stimulate continued dialogue between scientists from thes