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Nota di contenuto	Advances in Electrochemical Science and Engineering; Contents; Series Preface; Volume Preface; List of Contributors; 1 Valve Metal, Si and Ceramic Oxides as Dielectric Films for Passive and Active Electronic Devices; 2 Superconformal Film Growth; 3 Transition Metal Macrocycles as Electrocatalysts for Dioxygen Reduction; 4 Multiscale Modeling and Design of Electrochemical Systems; Index
Sommario/riassunto	In this topical volume, the authors provide in-depth coverage of the vital relationship between electrochemistry and the morphology of thin films and surfaces. Clearly divided into four major sections, the book covers nanoscale dielectric films for electronic devices, superconformal film growth, electrocatalytic properties of transition metal macrocycles, and the use of synchrotron techniques in electrochemistry. All the chapters offer a concise introduction to the relevant topic, as well as supplying numerous references for easy access to further reading and the original literature. The re

