

1. Record Nr.	UNINA9910778308903321
Autore	Davies P. R (Philip Rosser), <1964->
Titolo	Atom resolved surface reactions [[electronic resource]] : nanocatalysis // P.R. Davies and M.W. Roberts
Pubbl/distr/stampa	Cambridge, UK, : Royal Society of Chemistry, c2008
ISBN	1-84755-799-6
Descrizione fisica	1 online resource (240 p.)
Collana	RSC nanoscience & nanotechnology
Altri autori (Persone)	RobertsM. W (Meirion Wynn)
Disciplina	541.33
Soggetti	Surface chemistry Nanochemistry Chemical reactions
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	""Preface""; ""Contents""; ""Abbreviations""; ""Some Relevant Units a€? SI and Derived Units""; ""Some Milestones in the Development of Surface Chemistry and Catalysis""; ""Experimental Methods in Surface Science Relevant to STM""; ""Scanning Tunnelling Microscopy: Theory and Experiment""; ""Dynamics of Surface Reactions and Oxygen Chemisorption""; ""Catalytic Oxidation at Metal Surfaces: Atom Resolved Evidence""; ""Surface Modification by Alkali Metals""; ""STM at High Pressure""; ""Molecular and Dissociated States of Molecules: Biphasic Systems""; ""Nanoparticles and Chemical Reactivity"" ""Studies of Sulfur and Thiols at Metal Surfaces""""Surface Engineering at the Nanoscale""; ""Epilogue""; ""Subject Index""