

1. Record Nr.	UNINA9910966707703321
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Titolo	Solid acid catalysis : from fundamentals to applications // Hideshi Hattori, Yoshio Ono
Pubbl/distr/stampa	Boca Raton, Florida : , : CRC Press, , [2015] ©2015
ISBN	0-429-07636-3 981-4463-28-0
Edizione	[1st edition]
Descrizione fisica	1 online resource (511 p.)
Disciplina	660.2995
Soggetti	Acids Catalysis
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 at the end of each chapters.
Nota di contenuto	Cover; Contents; Preface; Chapter 1: Introduction; Chapter 2: Solid Acid Catalysis; Chapter 3: Characterization of Solid Acid Catalysts; Chapter 4: Catalytic Properties of Solid Acid Catalysts; Chapter 5: Hydrocarbon Transformations: Mechanism and Industrial Processes; Chapter 6: Synthesis of Organic Chemicals through Solid Acid Catalysis; Back Cover
Sommario/riassunto	Solids that possess acidic properties on their surfaces function as catalysts just like liquid acids, such as sulfuric acid and hydrochloric acid. By using solid acid catalysts, chemical processes become more productive and more environmentally friendly. In fact, solid acids are being used in many industrial chemical processes from the largest chemical process of catalytic cracking in petroleum refining to the synthesis of various fine chemicals. This book covers the fundamentals of solid acid catalysis, including its history and characterization, and discusses different types of catalysts and solid acid-catalyzed reactions as well as their industrial applications. It comprehensively covers from fundamentals to applications and will be useful for students, young researchers, and advanced researchers.