

1. Record Nr.	UNISA996211961603316
Titolo	Reactions catalyzed by inorganic compounds [[electronic resource] /] / founding editor J.J. Zuckerman; editor, Arlan D. Norman
Pubbl/distr/stampa	New York, : VCH, c1993
ISBN	1-282-30826-2 9786612308260 0-470-14531-5 0-470-14552-8
Descrizione fisica	1 online resource (686 p.)
Collana	Inorganic reactions and methods ; ; v. 16
Altri autori (Persone)	ZuckermanJ. J <1936-1987.> (Jerold J.) NormanArlen D
Disciplina	541.3/9 541.395
Soggetti	Catalysis 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 indexes.
Nota di contenuto	Inorganic Reactions and Methods; Contents; How to Use this book; Preface to the Series; Editorial Consultants to the Series; Contributors to Volume 16; Reactions Catalyzed by Inorganic Compounds; Introduction: Principles of Catalysis; Catalysis as a Kinetic Phenomenon; Basic Processes in Molecular Catalysis; Electron Transfer; Ligand Dissociation and Association Processes; Heterolytic Ligand Dissociation.; Homolytic Ligand Dissociation.; Promotion of Nucleophilic Reactions by Electron Withdrawal from Reactants; Catalysis of Electrophilic Reactions by Proton Loss from a Coordinated Ligand Oxidative Addition/Reductive Elimination ReactionsOne-Electron Oxidative Addition.; Two-Electron Oxidative Addition.; Free Radical Chain Mechanism of Oxidative Addition.; Insertion Reactions; Types of Catalysts; Introduction; Solid Catalysts; Metallic Catalysts; Metal Crystals and Films.; Supported Metal Catalysts.; Metal Oxide and Metal Sulfide Catalysts; Soluble Catalysts; Selectivity Advantages; Process Engineering and Product Recovery Problems; Supported Metal Complexes; Polymeric Supports; Metal Oxide Supports; Phase Transfer

Catalysis; Catalysis in Microscopic Phases

Production of Catalysts and SupportsGeneral Principles; Methods of Production of Nonmetal Catalysts and Supports; Precipitation and Gel Formation.; Impregnation.; Natural Materials, Leaching, Carbon supports.; Methods of Production of Supported Metal Catalysts; Relationships between Catalyst Production and Performance; Hydrogenation Reactions; Introduction; Dihydrogen Activation; Homolytic Cleavage to Give Metal-Hydrides; Heterolytic Cleavage to Give Metal-Hydrides; Molecular Hydrogen Complexes; Classes of Soluble Catalysts; Rhodium(I) Catalysts; Cobalt Cyanide Systems Cobalt Carbonyl CatalystsChromium(0) Carbonyl Catalysts; Ziegler Catalysts; Ruthenium(II) Catalysts; Hydrogenation of Aliphatic C-C Functions; In Simple Olefins; Isolated Double Bonds.; Olefins Conjugated to Carbonyl, Nitrile, Nitro.; Vinyl Functions.; In Conjugated Dienes; In Unconjugated Dienes; In Acetylenes and Cumulenes; In Triple Bonds.; In Allenes and Cumulenes.; By Asymmetric Hydrogenation; Hydrogenation of Arenes; By Cobalt Catalysts; By Ruthenium Catalysts; by Rhodium Catalysts; By Palladium and Platinum Catalysts; By Miscellaneous Catalysts; Hydrogenation of C=O Functions In AldehydesSaturated Aliphatic Aldehydes.; Aromatic Aldehydes.; Selectivity.; In Ketones; Hydrogenation to the Carbinol.; Hydrogenolysis and Miscellaneous Reactions.; Selectivity.; Stereochemistry and Asymmetric Hydrogenation.; In Carboxyl Derivatives; By Transfer Hydrogenation; Hydrogenation of Other Functional Groups; Nitrites; Hydrogenation to Primary Amines.; Coupling Reactions.; Reductive Hydrolysis.; Hydrogenolysis and Cyclizations.; Nitro Compounds; Hydrogenation to the Amine.; Selective and Partial Reductions.; Side Reactions in Polyfunctional Molecules.; Miscellaneous Addition Reactions

Sommario/riassunto

For the first time the discipline of modern inorganic chemistry has been systematized according to a plan constructed by a council of editorial advisors and consultants, among them three Nobel laureates (E.O. Fischer, H. Taube and G. Wilkinson). Rather than producing a collection of unrelated review articles, the series creates a framework which reflects the creative potential of this scientific discipline. Thus, it stimulates future development by identifying areas which are fruitful for further research. The work is indexed in a unique way by a structured system which maximizes its use

2. Record Nr.	UNISALENTO991000423099707536
Titolo	DSEK : what you need to know about endothelial keratoplasty / [edited by] Francis W. Price, Jr., Marianne O. Price
Pubbl/distr/stampa	Thorofare, NJ : SLACK Inc., c2009
ISBN	9781556428814
Descrizione fisica	xvi, 195 p. : ill. (chiefly col.) ; 26 cm. + 1 DVD (4 3/4 in.)
Classificazione	LC RE336 53.9.78
Altri autori (Persone)	Price, Francis W. Price, Marianne O.
Disciplina	617.7/190592
Soggetti	Cornea - Transplantation Refractive Surgical Procedures Corneal Diseases - surgery Descemet Membrane - surgery Endothelium, Corneal - transplantation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Overview of endothelial keratoplasty : past, present, and future / William Culbertson -- From the patient's perspective / Kathy Kelley and Elaine Voci -- Indications and patient selection for endothelial keratoplasty / Francis W. Price, Jr. -- Comparison of endothelial keratoplasty and penetrating keratoplasty outcomes / Marianne O. Price -- DSEK instrumentation and surgical technique / Francis W. Price, Jr. -- Postoperative care / Francis W. Price, Jr. -- Complications and challenges : prevention and management / Francis W. Price, Jr. -- Special DSEK techniques for Asian eyes / Donald Tan and Jod S. Mehta -- Tips, insights, and techniques from other surgeons -- Descemet's membrane endothelial keratoplasty (DMEK) : the bare minimum / Arthur W. Geibel and Francis W. Price, Jr. -- Air management of posterior grafts / Arthur W. Geibel -- The current status of eye banking : its relationship to corneal surgery and the future / Jake Requard -- Use of eye bank pre-cut vs. surgeon-dissected donor tissue for EK / Mark Gorovoy and Garret Locke -- Frequently asked questions / Kashif M. Baig, Vanessa Ngakeng, and Robert Kwon.

