

# Contents

<b>Catalysis by Means of Fe-Based Lewis Acids</b> .....	1
Juan I. Padrón and Víctor S. Martín	
<b>Fe–H Complexes in Catalysis</b> .....	27
Hiroshi Nakazawa and Masumi Itazaki	
<b>Fe-Catalyzed Oxidation Reactions of Olefins, Alkanes, and Alcohols: Involvement of Oxo- and Peroxo Complexes</b> .....	83
Kristin Schröder, Kathrin Junge, Bianca Bitterlich, and Matthias Beller	
<b>Catalysis by Fe=X Complexes (X = NR, CR<sub>2</sub>)</b> .....	111
Chi-Ming Che, Cong-Ying Zhou, and Ella Lai-Ming Wong	
<b>Ferrocene and Half Sandwich Complexes as Catalysts with Iron Participation</b> .....	139
René Peters, Daniel F. Fischer, and Sascha Jautze	
<b>Catalysis by Means of Complex Ferrates</b> .....	177
Markus Jegelka and Bernd Plietker	
<b>Index</b> .....	215



<http://www.springer.com/978-3-642-14669-5>

Iron Catalysis  
Fundamentals and Applications  
Plietker, B. (Ed.)  
2011, XII, 220 p., Hardcover  
ISBN: 978-3-642-14669-5