
Contents

Preface.....	vii
Editor	ix
Contributors	xi
Chapter 1 Introduction	1
<i>Marion H. Emmert</i>	
Chapter 2 Radical-Mediated C–H Bond Activation.....	21
<i>Adam M. Azman</i>	
Chapter 3 Pd-Catalyzed C–H Functionalization	59
<i>Jesse D. Carrick</i>	
Chapter 4 Rhodium-Catalyzed C–H Activation.....	95
<i>Micheal Fultz</i>	
Chapter 5 Nickel-Catalyzed C–H Activation	113
<i>Andrew C. Williams</i>	
Chapter 6 Iron-Catalyzed C–H Activation.....	145
<i>Narendra B. Ambhaikar</i>	
Chapter 7 Copper-Mediated C–H Activation	175
<i>Nadia M. Ahmad</i>	
Chapter 8 Cobalt-Catalyzed C–H Activation	217
<i>Nicole L. Snyder and Eric J. Medici</i>	
Chapter 9 Fluorination and Trifluoromethylation of Arenes and Heteroarenes via C–H Activation	251
<i>Ji Zhang and Timothy T. Curran</i>	

Chapter 10 C–H Activation of Heteroaromatics	267
<i>Donna A. A. Wilton</i>	
Index	305