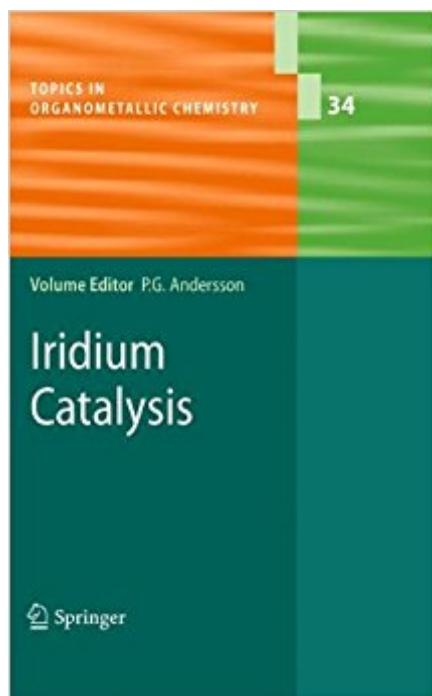


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# Iridium Catalysis (Topics In Organometallic Chemistry)



## Synopsis

From the contents: Robert H Crabtree: Introduction and History. - Montserrat DiÃfÃ©guez, Oscar PÃfÃ mies and Carmen Claver: Iridium-catalysed hydrogenation using phosphorous ligands. - David H. Woodmansee and Andreas Pfaltz: Iridium Catalyzed Asymmetric Hydrogenation of Olefins with Chiral N,P and C,N Ligands. - Ourida Saidi and Jonathan M J Williams: Iridium-catalyzed Hydrogen Transfer Reactions. - John F. Bower and Michael J. Krische: Formation of C-C Bonds via Iridium Catalyzed Hydrogenation and Transfer Hydrogenation. - Jongwook Choi, Alan S. Goldman: Ir-Catalyzed Functionalization of C-H Bonds. - Mark P. Pouy and John F. Hartwig: Iridium-Catalyzed Allylic Substitution. - Daniel Carmona and Luis A. Oro: Iridium-catalyzed 1,3-dipolar cycloadditions.

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## 1.3-dipolar cycloadditions.

From the reviews: "Chapters cover a range of types of reactions that are of strong interest in organic synthesis, and provide extensive up-to-date coverage of both the scope and limitations of the catalysts. Overall, *Iridium Catalysis* will serve as a useful up-to-date resource for both those entering the field and those experienced chemists who may not be aware of the advances that have been made. Readers will be stimulated to find new applications for iridium in catalysis after they examine this book." (William D. Jones, *Platinum Metals Review*, Vol. 56 (1), 2012)

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