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Nota di contenuto	Front matter -- Contents -- Contributing Authors -- Introduction -- 1. Grignard Reagents and Palladium / Nelson, David J. / Cazin, Catherine S. J. / Nolan, Steven P. -- 2. Grignard Reagents and Nickel / Fache, Fabienne / Pelotier, Béatrice / Piva, Olivier -- 3. Grignard Reagents and Iron / Legros, Julien / Figadère, Bruno -- 4. Grignard Reagents and Cobalt / Rérat, Alice / Gosmini, Corinne -- 5. Grignard reagents and Manganese / Cahiez, Gérard / Moyeux, Alban -- 6. Grignard reagents and Copper / Ouali, Armelle / Taillefer, Marc -- 7. Grignard Reagents and Silver / Cossy, Janine -- Index
Sommario/riassunto	In 1912, the Chemistry Nobel Prize was awarded for the discovery of the so-called Grignard reagents. Nowadays, many transition metal variants are developed to modify reactivity and selectivity of the C-C bond formation reaction. The Grignard reaction is one of the fundamental organometallic reactions, often used in alcohol syntheses. With transition metals like iron, cobalt and nickel or with noble metals like copper, silver and palladium, modern Grignard reagents can be designed in reactivity, selectivity and functional group tolerance. This

book, written by international experts, presents an overview on timely Grignard chemistry involving transition metals.