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## Recent Developments in Asymmetric Organocatalysis

By Helene Pellissier

RSC Publishing. Hardcover. Book Condition: New. Hardcover. 260 pages. Dimensions: 9.4in. x 6.2in. x 0.8in. The aim of this book is to cover the very recent developments in asymmetric organocatalysis, focussing on those published since the beginning of 2008. The last decade has witnessed an explosive growth in the field of asymmetric organocatalysis with an impressive amount of new catalysts, novel methodologies, and applications in numerous reaction types, such as nucleophilic substitutions, addition reactions, as well as cycloadditions, oxidations, reductions, kinetic resolutions, and miscellaneous reactions. This very diverse and intensely developing field is too wide to cover in a single review. The timeliness of the book together with the expected impact is excellent, since nowadays asymmetric organocatalysis is arguably the most intensively developed field in organic chemistry. The book is designed to meet the demands of a postgraduate textbook, containing case studies and Q and A sections, as well as a practical book filled with facts and data useful as a working tool for the practitioner. The book is divided into ten sections, dealing successively with nucleophilic additions to electron-deficient CC double bonds, nucleophilic additions to CO double bonds, nucleophilic additions to CN double bonds, nucleophilic additions to unsaturated nitrogen, nucleophilic...



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